THE CATALOG

2021-2022



AMERICAN PRINTING HOUSE

We're Proud to Introduce This Year's New and Revised Products!

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Mission Statement

The American Printing House for the Blind promotes independence of people who are blind and visually impaired by providing specialized materials, products, and services needed for education and life.

Corporate Status

The American Printing House for the Blind, Inc. is a 501(c)(3) non-profit organization. Gifts, therefore, are tax deductible.

CONNECTCENTER

Connecting people with useful information and resources







The APH ConnectCenter offers curated advice and resources to assist children, parents, adults, and job seekers who are blind and visually impaired, and their associated professionals. It includes:

- **VisionAware:** A website designed for adults and seniors who are visually impaired.
- **FamilyConnect:** A website built around the needs of a family of a visually impaired child.
- **CareerConnect:** A resource page for job seekers who are visually impaired or blind.

APH's Information & Referral Hotline: (8ØØ) 232-5463 is a number that people can call to find answers to their questions relating to a visual impairment or blindness.

Looking for events and happenings in the field of blindness/visual impairment? Have an event related to blindness that you want people to know about? The **APH ConnectCalendar (aphconnectcenter.org/events)** on **APHConnectCenter.org** is where people or organizations can share information about events taking place across the country. Find events and add yours to the calendar today!

APH ConnectCenter is excited to announce

TransitionHub™

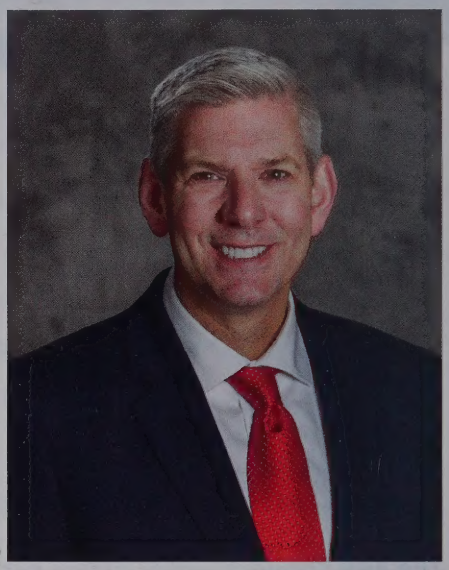
Connecting students and families to transition resources

Coming Summer 2Ø21

TransitionHub: An interactive collection of resources for transition-age youth.

The APH ConnectCenter TransitionHub is made possible through generous funding from The Gibney Family Foundation.

President's Message



What happens when you prepare to deliver services and products through normal delivery chains, only to have those chains broken? Such was the world of 2020 when the COVID-19 pandemic began. It was, perhaps, one of the first times in recent history that both business and education pivoted to new modalities, at the same time forcing all of us to adapt to new practices of learning and surviving.

We have emerged stronger, more confident of our abilities, and more determined to make sure that our students and adults continue to receive the products and services they need, regardless of learning modality. We are hopeful that these hardships will soon be a distant memory, but regardless, we will continue our efforts at APH to serve the field to our fullest extent.

Below are only *some* of the significant enhancements made to-date to improve your APH shopping experience, along with some important improvements to come:

- A new phone system (March 2020) has led to decreased customer hold times and created an automatic call back feature
- Software and EPUB downloads directly from **aph.org**
- Expanded Customer Service hours (8 a.m. - 8 p.m. EST)
- Realigning and refining search categories to expand the index of product results
- Shared account dashboard view between EOT and OOA
- Address management
- Weekly order summary email to EOTs and OOAs
- Redesign of *Quick Order* and *Wish List* features

Future enhancements (not all-inclusive):

- Louis Database integration and rebranding
- Customers will receive tracking info for paid freight items
- Creation of a purchasing portal for non-Quota school and agency customers

We hope you will enjoy your shopping experience, and as always, please continue to offer suggestions and comments to improve this experience.

Warmly,

Craig Meador

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Expanded Core Curriculum

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Prices Effective June 1, 2021

Note: The products offered by the American Printing House for the Blind are instructional/teaching materials and are intended to be used by trained professionals, parents, and others who provide services to students and adults who have visual impairments and blindness.

Warning: These materials are not intended as toys for use by children in unstructured play or in an unsupervised environment.

The Museum at the American Printing House for the Blind







Explore the fascinating history of education for people who are blind and visually impaired when you visit our award-winning museum. From teaching tools that pre-date braille and O&M innovations, to digital tech breakthroughs, our collection is on display for you to touch and listen, accessible for all. Meet the many individuals whose work shaped the history of the field of blindness, including those from our very own organization, the largest manufacturer of educational products for people who are blind and visually impaired.

NEW! We partnered with our friends at the American Foundation for the Blind (AFB) to bring the largest collection of Helen Keller's belongings (including letters to presidents, her typewriter, her Oscar, and so much more) to APH! We're creating a state-of-the-art public exhibit to show off these pieces. Researchers will also have access to the collection of her writings- one of the largest disability history archives in the world. A portion of the Helen Keller archive is already on exhibit at the APH Museum.

We offer guided tours, special Saturday events, and online exhibits perfect for families, students, educators, and more! Check out our museum website (new site coming soon!) and plan your trip today: **aphmuseum.org**.

For more tour information, contact APH at 800-223-1839 and follow us on Facebook and Twitter at **@APHMUSEUM**.

Museum Hours (EST)

Monday-Friday 8:30 a.m. to 4:30 p.m.
Saturday 10:00 a.m. to 3:00 p.m.
Closed on holidays and Derby Day

Factory/Museum Tour Hours

Monday-Thursday twice daily at 10:00 a.m. and 2:00 p.m.
Advanced reservations are required for groups of 10 or more.
Length of tour: Approximately 1 to 1/2 hours.
For more tour information, contact APH:
502-895-2405 or 1-800-223-1839.

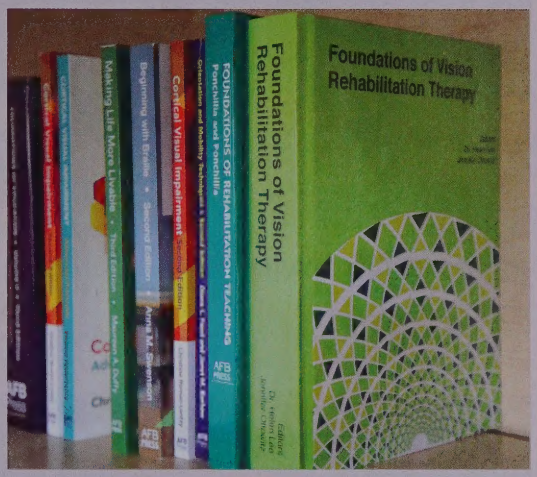
APHPress

American Printing House for the Blind

New Titles from APH Press

Available in print and EPUB editions.

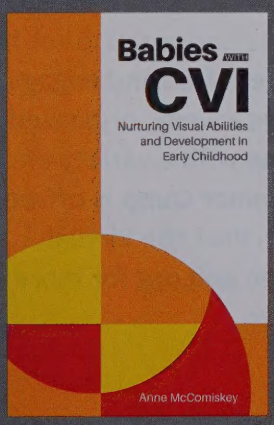
APH Press presents the latest research and methods proven to support the education and development of people who are blind and visually impaired.



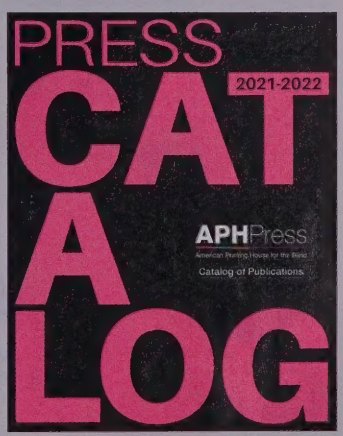
Foundations of Vision Rehabilitation Therapy continues the legacy of Paul and Sue Ponchillia's seminal work *Foundations of Rehabilitation Teaching with Persons Who Are Blind or Visually Impaired*, and reflects the contemporary understanding of adult learning and skill building, providing proven techniques to help people with visual impairments develop skills and gain confidence to lead independent, fulfilling lives.

Access Technology for Blind and Low Vision Accessibility is the second edition of the book, previously named *Assistive Technology for Students Who Are Blind or Visually Impaired: A Guide to Assessment*. Rather than using pre-determined checklists to evaluate technology skills, authors Yue-Ting Siu and Ike Presley present an inquiry-based approach for identifying needs related to individual instruction, advocacy for accessible formats, and achieving equity in information-rich environments.

Releasing in mid-2021



Babies with CVI offers information on improving educational and developmental outcomes for children, from birth to 36 months of age, who have CVI. In the book's Forward, Kay Alicyn Ferrell, PhD and Professor of Special Education at Emerita, says "[This] book provides strategies for approaching families, making home visits, and having appropriate (and sometimes difficult) conversations. [The author] gives the reader activities and interventions for working with infants and toddlers with CVI, designed to help develop their visual skills and to increase their learning opportunities. She also takes the reader through a history of CVI and provides valuable resources for families and educators."



Download the accessible APH Press catalog:
aph.org/aph-catalogs/

APH Virtual Learning Resources



The **APH Hive** is a new virtual platform bringing free eLearning opportunities right into the comfort of your home or office, and is perfect for busy educators and families! Buzz over to **aphhive.org** and browse through a variety of bite-size courses related to visual impairment, relevant to serving students from birth through graduation. This "one-stop" for professional development offers Academy for Certification of Vision Rehabilitation & Education Professionals (ACVREP) continuing education units upon successful completion of a course.



Access Academy provides the meaningful education and training webinars you need to get the most out of APH products and services. From product tutorials to information on resources, services, and programs: our goal is to give you the info you need for home, the classroom, and the workplace. The majority of Access Academy webinars also provide ACVREP credit. Visit the Access Academy webpage on **aph.org** for more information and list of past and upcoming webinars.



Virtual ExCEL Academy offers free and engaging webinar lessons three days a week, organized by age groups, for students with a variety of abilities. **Virtual ExCEL Summer Camp** is offered from June through August. Visit the Virtual ExCEL Academy webpage on **aph.org** for more information and to register.



APH ConnectCenter Webinars

The majority of APH ConnectCenter webinars offer ACVREP credit. Webinar topics vary and connect people with useful independent-living information and resources for children, parents, adults, and job seekers who are visually impaired, including their associated professionals. Visit **aphconnectcenter.org** for upcoming and previously recorded webinars.



Change Makers Podcast

American Printing House has a big goal: creating a future that belongs to everyone. For more than 160 years, APH has created products that provide access for people who are blind and visually impaired. To create a world that welcomes everyone, we know it's going to take a lot of change makers. The Change Makers Podcast highlights everyone from CEOs to students who are making the biggest difference in our field. Listen and subscribe by visiting the Change Makers Podcast page on **aph.org**.

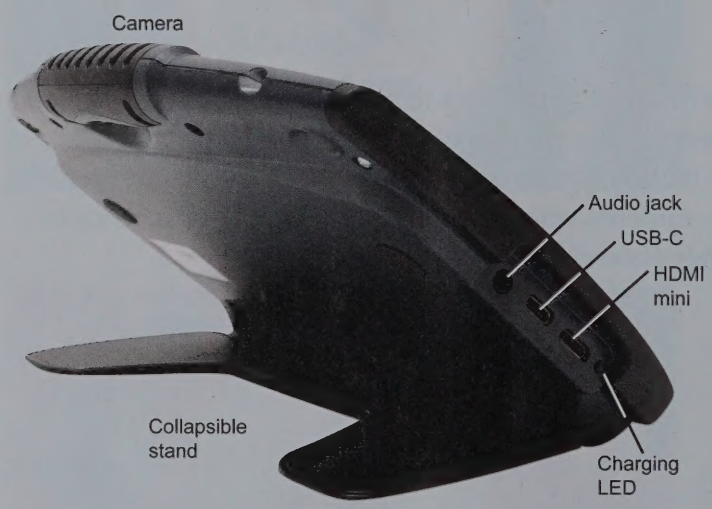
Introducing Juno

a Handheld Video Magnifier with Optical Character Recognition (OCR)



Magnify and read text aloud with the press of a button. APH and Vispero partnered to create Juno™, an affordable magnifier designed to accommodate the needs of students and adults with low vision. Juno boasts:

- a 7-inch touch LCD screen with carrying case
- 24 high-contrast color modes
- 2x-30x magnification
- 5 camera modes to complete work and recreational activities

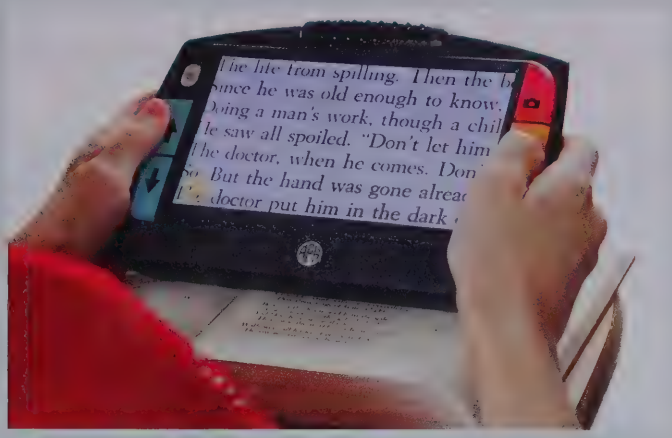


Benefits for educators:

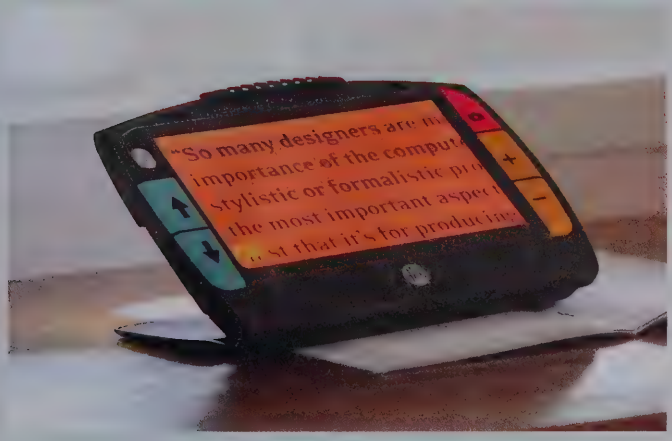
- Exam mode: lock certain features to use Juno during an exam
- Multiple reading views: snapshot mode shows full screen capture; teleprompter mode shows text in paragraph form; tickertape mode shows one line of text at a time
- Zones: text is separated by highlighted and numbered boxes to help you quickly jump to different sections in a document or article
- Line and mask feature
- Save files using audio tags
- 4 GB of storage
- Transfer files from computer and flash drive via USB-C port supported files – JPEG, PDF, DocX, and more

Benefits for students and adult users:

- Capture and process printed, multipage text using OCR
- Either read text with magnification and multiple color mode options, or have it read aloud using TTS (text-to-speech).
- Supports multiple languages: English, French, Spanish, German, Chinese
- Menus spoken aloud
- Time and Date
- Headphone jack to discretely listen to documents in class or at work
- 180-degree rotating barrel camera supports five camera modes: reading, hobby, distance, self-view, and writing-view for short writing tasks





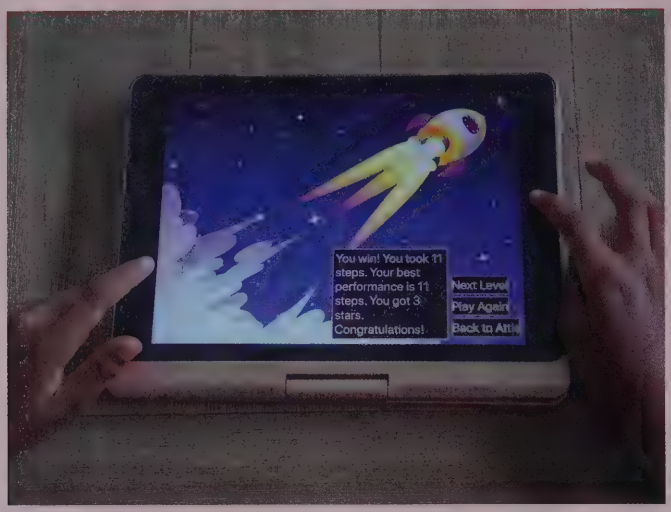


Juno Blog Coming Soon!

Learn more about Juno
and read the blog at **aph.org**

> "Very few handheld video magnifiers with OCR exist on the market today, and those that do have higher price tags. As someone with low vision myself, and working as a Teacher of the Visually Impaired (TVI) for several years before moving to educational product development, I saw a need for a handheld video magnifier with OCR to assist students with low vision in the classroom."
>
> **Justine Taylor, APH Low Vision Product Manager**

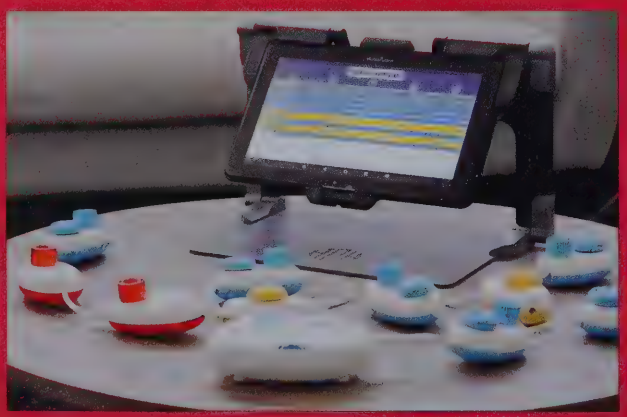
NEW and COMING SOON Accessible Coding



CodeQuest® is a FREE, interactive and accessible app for iPad that teaches preschool to early-elementary age players coding, logic, and orientation skills. Help your astronaut move across a grid-style game board to his spaceship, so that he can explore the galaxy.



Accessible Code & Go® Robot Mouse (Coming 2021) develops hands-on introductory coding and tactile graphics literacy skills. Build a maze and create step-by-step sequences for Colby, the programmable robot mouse, to find the cheese! Colby lights up, makes sounds, and features two speeds and colorful buttons to make coding fun and easy. This product also teaches if-then logic, problem solving, critical thinking, O&M, and route planning skills.



Don't forget about Code Jumper®, also part of our coding family! Code Jumper takes block coding off the screen with brightly colored pods that physically create computer code that tells stories, cracks jokes, and plays music. Page 88.

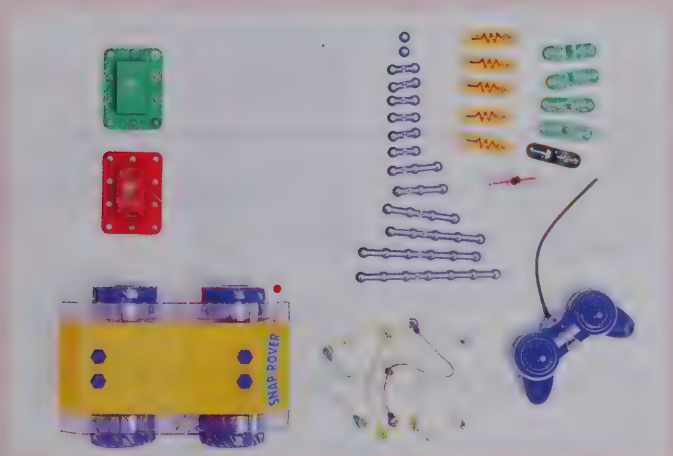
Programming, and Electronics Tools

Along with the popular Snap Circuits® Jr Access Kit, APH has also made these commercially available Elenco® products accessible with braille parts labels, and braille/large print instructions:

- **Snapino® Access Kit** is an introduction to the open-source Arduino® hardware-software coding environment, and is recommended for children age 12 and up. Combined with Snap Circuits Jr, you can design larger circuits with speech capabilities.



- With **RC Snap Rover® Access Kit (Coming 2021)**, students and parents alike can enjoy creating rovers and other fun devices, such as digital AM/FM radios, digital voice recorders, burglar alarms, doorbells, and much more!



- **Snap Circuits BRIC: Structures Access Kit (Coming 2021)** will have you building a wiring your BRIC structure with lights, sounds, moving parts, and 3-D circuits.



Core Curriculum

Educators define core curriculum as the knowledge and skills a student should learn by high school graduation. This foundation, for almost all learning, is generally related to academic subjects.

Expanded Core Curriculum

The American Printing House for the Blind, and most professionals in the field, firmly believe that students who have a visual impairment need an expanded core curriculum that encompasses additional areas of learning. Experiences and concepts casually and incidentally learned by sighted students must be systematically and sequentially taught to students with a visual impairment.

Dr. Philip Hatlen (1934–2Ø16) Dr. Hatlen's numerous accomplishments included the original development of the Expanded Core Curriculum. Dr. Hatlen had many connections at APH, including acting as Ex Officio Trustee and our Executive in Residence. Read more about the extraordinary Dr. Hatlen at the Hall of Fame on our website, **aph.org**, please search for Hall of Fame inductees Hatlen.

Catalog Production Credits

Design: Laura Greenwell

Project Assistants & Editors: MaryGen Boley, Leslie Farr Knox, Anthony Jones, Stephanie Lancaster, and Jessica Minneci

Intellectual Property: Joon Lee

New Typeface

In this Annual Report we are using a new font that is under development and was designed specifically for low vision users. We welcome your feedback and comments at **communications@aph.org**.

abcdefghijklmnopqrstuvwxyz

ABCDEFGHIJKLMNOPQRSTUVWXYZ

Ø123456789

CVI Website and APH Products

APH offers free information about Cerebral/Cortical Visual Impairment, or CVI, to consumers via the web. Sections include a definition of CVI, intervention strategies, advocacy and resources, and much more.

The website is an evolving resource of current knowledge on this leading cause of visual impairment. It provides information from medical, educational, and parental perspectives, as well as allowing an open door to communicate on the topic.

To explore the CVI website, please visit **cvi.aphtech.org**.

Suggested APH Products for Children With CVI

Following are products that may be appropriate for use with children who have Cerebral/Cortical Visual Impairment. Comprehensive assessment should determine which products are best matched to your learner's needs.

All-In-One Boards: 1-08833-00, 1-08836-00 98

Bright Shapes Knob Puzzles: 1-03722-00 28

Color Raceway Kit: 1-08461-00 175

CVI Complexity Sequences Kit: 1-08156-00 and eBook: D-03610-ED 145

CVI Book Builder: 1-08825-00 137

Flip-Over FACES App: Android D-30050-AN and iOS D-30050-AP 157

Increasing Complexity Pegboard: 1-08160-00 138

Invisiboard: 1-08541-00 145

Joy Player: 1-07089-00 39

LED Light Box: 1-08655-00 and LED Mini-Lite Box: 1-08654-01 139

Light Box Materials Kit, Level I: 1-08670-00 and Level II, full kit: 1-08680-00 141

Pegs/Pegboard: 1-08665-00, Familiar Object Picture Cards: 1-08666-00 143

Match Sticks: 1-08157-00 135

Match-It-Up Frames: Large Set 1-08827-00 and Small Set 1-08828-00 98

Mini-Lite Box Overlays: 1-08659-00 140

Picture Maker: Wheatley Tactile Diagramming Kit: 1-08838-00 151

Sensory Learning Kit (SLK): 1-08611-00 39

Spangle Tangle: 1-08755-00 44

Spinner Overlays for the Light Box: 1-08692-00 140

Swirly Mats II: CVI: 1-08158-00 144

TADPOLE Kit (selected items): 1-08155-00 21

VIPS@Home Parent Empowerment Program: 8-00075-00, 8-00076-00, 8-00078-00 47

Web Chase 1-08460-00 177

General Information

Service for 160+ Years

Since 1858, APH has been creating unique products for people who are visually impaired, blind, and deafblind. APH products are designed for infants, preschoolers, students, and adults, to support both education and daily living.

Recommended Ages for Products

Recommended ages for products are expressed as functional age rather than chronological age.

Prices and Types of Funds Accepted

All items in this catalog can be purchased with regular funds (i.e. checks, credit cards, or purchase orders). Most items can also be purchased with Federal Quota funds through an Ex Officio Trustee. Pricing in this catalog reflects pricing for our Federal Quota educational customers. Pricing may vary for non-Quota customers. Refer to the inside back cover for an overview of Federal Quota. Prices in this catalog are effective June 1, 2021. Prices are subject to change without notice.

Ordering on the Web

You can browse and search for APH products, then order using Federal Quota funds, a purchase order, or a credit card.

Questions?

APH provides a toll-free number for:

- Placing credit card orders
- Questions about existing orders or status of products under repair
- Questions about products and services
- Technical Support

Call Monday through Friday from 8:00 a.m. to 8:00 p.m. Eastern Time: 1-800-223-1839 (U.S. and Canada) or email **info@aph.org**

Important Icon Legend

CVI Icon

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

UEB Icon

Products with this icon are transcribed in Unified English Braille (UEB).

N New Product

R Revised Product

Replacement and Optional Parts Available Icon

Products with available replacement parts are marked with this icon. Refer to the Parts Catalog on our website: aph.org/aph-catalogs.

Downloadable Manuals

Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit **www.aph.org/manuals-downloads/** to download an accessible manual. If you cannot find what you are looking for, go to the product's page in the download section for legacy files.

YouTube

Product videos available on APH's YouTube page.

APH Products for Sensory Impairments and Additional Disabilities

Children and adults with both visual impairments and multiple disabilities are diverse in their strengths and interests. APH has long embraced inclusive strategies in product development, resulting in many products appropriate for individuals who have visual and/or aural impairments, and other disabilities. Below are featured highlights.

APH Intervention Continuum - Three Sequential Kits

APH recommends that learners use the following three products sequentially:



Sensory Learning Kit (SLK) — page 39

This kit is an extensive set of sensory items, assessments, and written materials that help the most significantly challenged learners increase their curiosity and attention while developing specific skills.

SAM: Symbols and Meaning — page 107

This kit is for learners with visual and multiple impairments, and pre-school children with visual impairments who are beginning to use symbols. **tech.aph.org/samvid**

Tactile Connections: Symbols for Communication — page 107

This kit helps learning partners create a tactile card communication system for learners who lack a formal means of communication. The versatility of the kit allows for symbolic skill expansion from concrete to more abstract, and from single-word to multi-word communications.

Child-guided Strategies: The Van Dijk Approach to Assessment — page 23

An easy-to-use guidebook with an accompanying flash drive that follows the assessment of a baby, a young child, and a teenager.

Expandable Calendar Boxes — page 107

A single "now" or "anticipation" box lets a learner know what is about to happen in his world. Two boxes together provide the concept of "now and next." Three boxes create a calendar.



Joy Player — page 39

APH designed its personal music player to accommodate individuals of any age who have multiple challenges. This digital music player plays WAV and MP3 files.

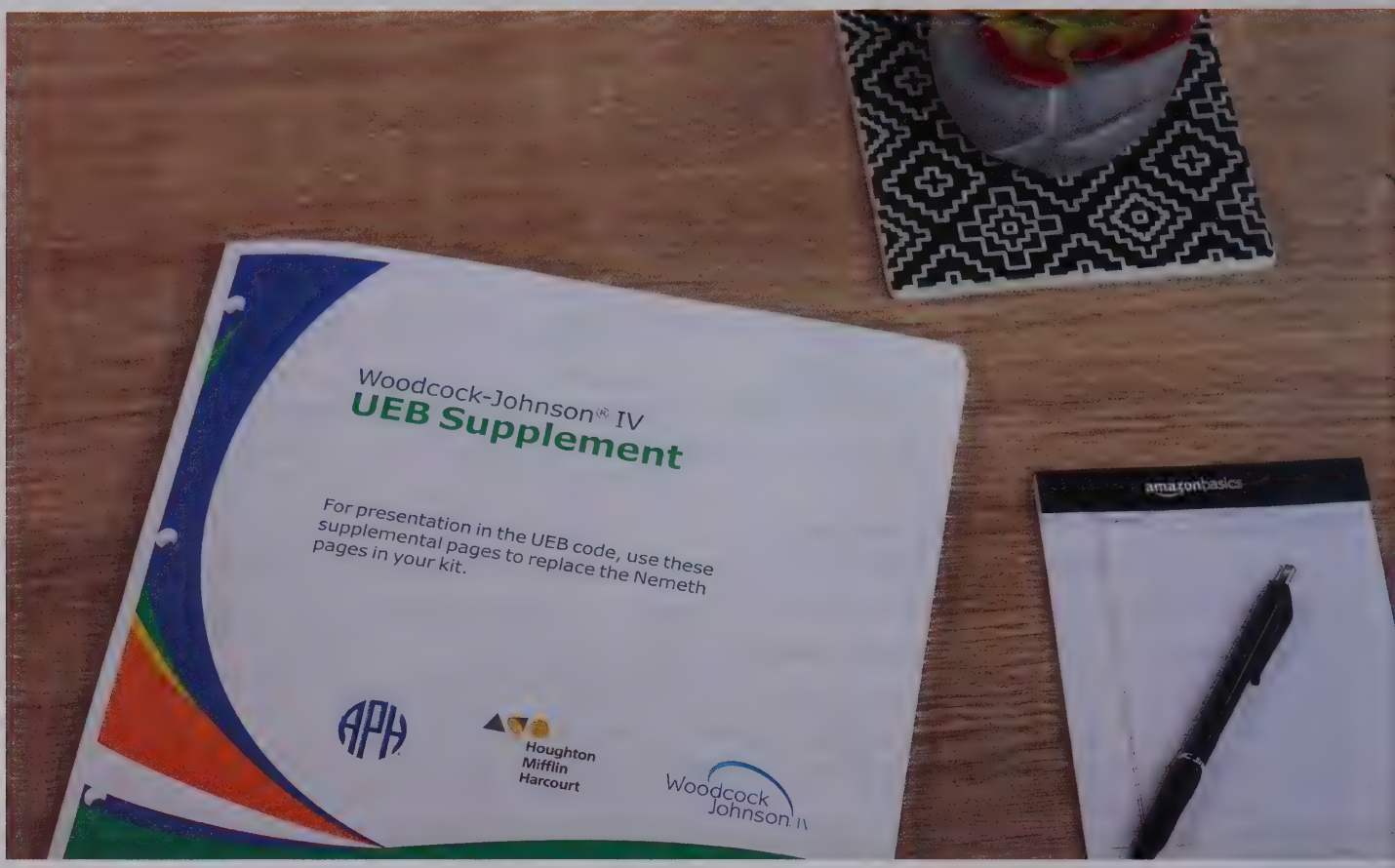


Reach & Match Learning Kit and Inclusive Learning Program — page 30

This inclusive-designed product encourages self-teaching and group interaction. Active learning teaches colors, shapes, textures, orientation, and print letters and braille. Children learn concepts of near/far and front/back.

Spangle Tangle — page 44

The reflective twisty Spangle Tangle helps students learn motor, problem-solving, cognitive, self-care, social, and pre-braille skills. This fun kit includes self-sticking stands for use on tabletop or wheelchair tray.



Accessible Multiple Choice Answer Sheets: 22
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Brigance 24
Child-guided Strategies: The Van Dijk Approach to Assessment 23
Functional Vision and Learning Media Assessment 21
KeyMath3 18
NewT Kit 21
TADPOLE Kit 21
Teacher's Pet Software 23
Woodcock-Johnson (WJ) IV
Kit 17
UEB Math Supplement N 18
WRAT5 19

Assessment Related Products

All Aboard! The Sight Word Activity Express 50
All-In-One Boards 98
Barraga Visual Efficiency Program 134
CVI Complexity Sequences Kit 145
Functional Skills Assessment 167
Increasing Complexity Pegboard 138
Invisiboard 145
Light Box, Materials, and Related 139-144
Math Flash Software 59, 157
Quick Pick Series 68, 97
SAM: Symbols and Meaning 107
Sensory Learning Kit (SLK) 39
Tactile Treasures 40

Woodcock-Johnson IV (WJ IV) PARTS

Woodcock-Johnson® IV is a comprehensive set of assessments, administered individually, to identify learning difficulties and improve instructional outcomes for all ages.

The print and braille assessments are comprised of three batteries: Tests of Achievement, Tests of Cognitive Abilities, and Oral Language.

It is required to purchase the Form A publisher materials to administer the Large Print test. The APH large print kit includes only the student print materials. For the braille edition, the publisher manuals are referenced and the audio cds are required for administration of portions of the braille edition.

Form A publisher materials must be ordered directly from the test publisher.

How to Place Your Order:

Via email: **orders@riversideinsights.com**;
Via fax: 630.467.7192;
Via phone: 800.323.9540;
Inquiries: **inquiry@riversideinsights.com**;
Via mail: Customer Service Riverside Insights One Pierce Place, Suite 900W, Itasca, IL 60143;

For more information, please visit: **riversideinsights.com**

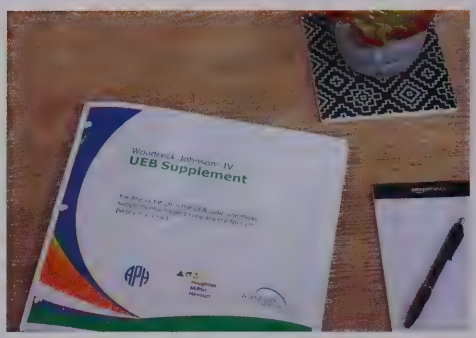
Note: It is strongly suggested that the administrator have approved professional development training in administering the original print Woodcock-Johnson IV. Examiners must meet the qualifications for administering this assessment.

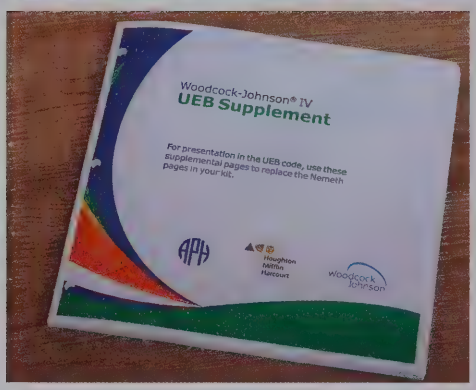
Recommended ages: 2 years and up.

Print
4-66003-00 $437.00

Braille
6-66001-00 $890.00







Woodcock-Johnson IV UEB Math Supplement N UEB

The Woodcock-Johnson IV – UEB Math Supplement provides UEB Math/Science replacement pages originally in Nemeth. It is available for purchase to supplement the Woodcock-Johnson IV – Adapted for Braille Readers (6-66ØØ1-ØØ)

Note: This is a separate product from the Woodcock-Johnson IV – Adapted for Braille Readers (6-66ØØ1-ØØ). Customers who have previously purchased and need UEB with UEB technical for their students can purchase this supplement Future Woodcock-Johnson IV braille kits will include the supplement.

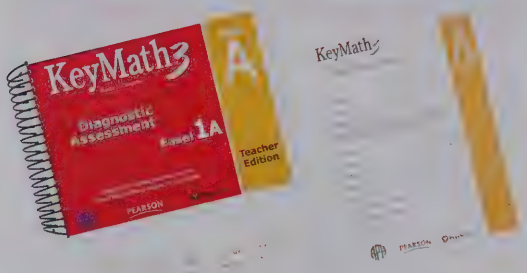
6-66ØØ2-ØØ $49.ØØ

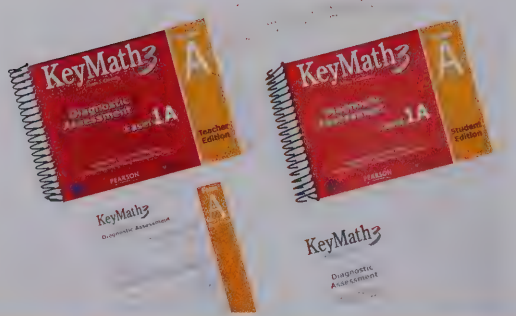
KeyMath™3 UEB with Nemeth

Aligned with the NCTM standards, this diagnostic assessment measures essential mathematical concepts and skills for students in Pre-K through ninth grades.

Administration time is usually 3Ø-9Ø minutes, and features 1Ø subtests that cover basic concepts, operations, and applications.







Braille Student Kit

Contracted
5-65703-ØØ $239.ØØ

Uncontracted
5-65704-ØØ $21Ø.ØØ

Teacher Guides for Student Braille Kit

7-65704-ØØ $158.ØØ

Large Print Kit

7-65703-ØØ $265.ØØ

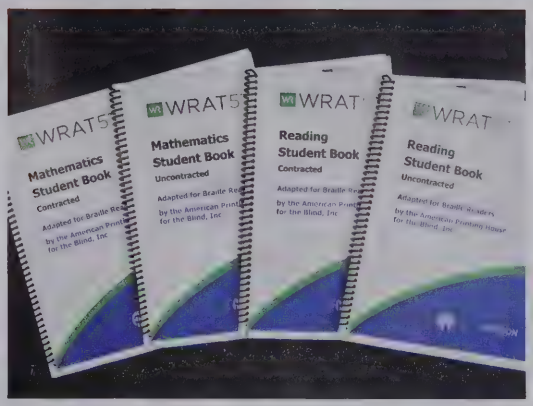
Note: It is strongly suggested that a copy of the administration manuals be obtained for a clear understanding of the scoring and analysis of results. These materials must be ordered directly from Pearson Clinical Assessment 1-8ØØ-627-7271.

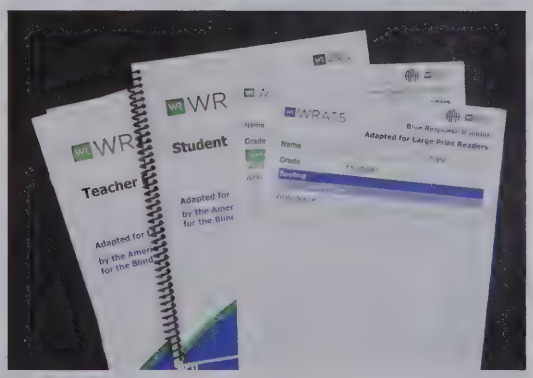
WRAT5 UEB

This quickly administered assessment (less than 45 minutes) provides immediate feedback to the teacher, expediting the development of the IEP or comparable education plan for the student. WRAT5™ is individually administered, enabling the teacher the opportunity to observe the student as he/she proceeds through the assessment and thus determine areas of strengths and needs in reading, math, spelling, and comprehension skills. Provided forms give teachers the ability to assess a student multiple times for initial evaluation, re-evaluation, or for incremental progress checks.

Braille
6-79530-00 $152.00

Print
7-79530-00 $299.00





Important Icon Legend

CVI Icon

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

UEB Icon

Products with this icon are transcribed in Unified English Braille (UEB).

N New Product

R Revised Product

Replacement and Optional Parts Available Icon

Products with available replacement parts are marked with this icon. Refer to the Parts Catalog on our website: aph.org/aph-catalogs.

Downloadable Manuals

Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit **www.aph.org/manuals-downloads/** to download an accessible manual. If you cannot find what you are looking for, go to the product's page in the download section for legacy files.

YouTube

Product videos available on APH's YouTube page.



Boehm-3 Preschool

Boehm-3 Preschool measures 26 basic concepts relevant to the preschool/early childhood curriculum. This test helps identify children who lack understanding in basic rational concepts so you can provide intervention sooner, increasing their chance of success in school. The Big Picture Kit manual and record forms are available in English and Spanish.

Recommended grade: Pre-K.

Big Picture Kit
1-03880-00 $259.00

Tactile Kit
1-03882-00 $564.00



Boehm-3 K-2

Boehm-3 K-2 measures 50 basic concepts relevant to school success, helping identify students who may not have the learning experiences necessary to understanding key concepts. Developed for easy use with English- and Spanish-speaking students.

Recommended grades: K–2.

Big Picture Kit
1-03883-00 $384.00

Tactile Kit
1-03884-00 $477.00

Notes for both Boehm-3 Kits: Boehm-3 Examiner's Manual is available through Pearson at: **pearsonclinical.com/language/products/100000188/boehm-test-of-basic-concepts-third-edition-boehm-3.html**

Full reliability and validity data for children without visual impairment can be found in the Examiner's Manual (see link above), but does not apply to this adaptation. Everything needed to administer the test to children with visual impairment is included in these kits.

The Boehm-3 Kits can be used with students diagnosed with CVI by applying the same accommodations that they use in school. There is no background complexity, and the drawings have already been simplified for use with low vision students.

NewT Kit



This Kit includes accessible tools and activities for use with Functional Vision and Learning Media Assessment (NewT). It has everything you need to complete the Observations, Functional Vision Assessment, and Learning Media Assessment sections of the FVLMA.

Includes

Sample graphs, maps, dictionary entries, reading samples, diagrams, news clippings, and catalogue pages for grade levels K–12.

Recommended grades: Pre-academic to academic, K–12.

1-08149-00 $959.00

TADPOLE Kit



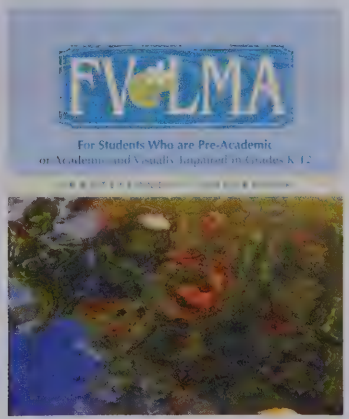
This set of standardized tools helps practitioners perform functional vision evaluations or visual skills development activities. Similar to APH's ToAD Kit, but geared toward younger learners, TADPOLE is a natural precursor to the ToAD Program.

Note: Practitioners should purchase the ToAD Kit prior to using the TADPOLE Kit, since items from ToAD are needed when a student's personal items are not available.

Recommended ages: Birth to 2 years.

1-08155-00 $319.00

Functional Vision and Learning Media Assessment (FVLMA) Kit



FVLMA is a user-friendly instrument that provides a framework for the systematic assessment of a student's visual functioning and needs for adapted educational media. Although not a standardized test, FVLMA has been peer-reviewed by experts in the field of blindness and field tested by teachers and students.

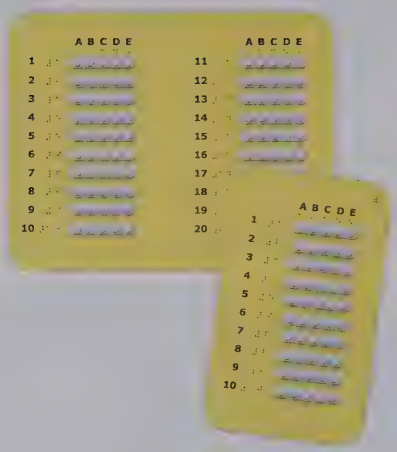
Recommended grades: Students who are pre-academic in K–12.

7-96151-00 $36.00

Accessible Multiple Choice Answer Sheets: Pop-A-Dot and Braille

High-contrast layouts with print and tactile elements engage students so that test-taking can be fun! Sighted peers will also love these.

Recommended ages: 8 years and up.



Pop-A-Dot

Engage students so that test-taking can be fun! Sighted peers will also love these.

These sheets make testing fun with "memory plastic" dots that are pushed down to select an answer, but can be popped back up easily, allowing students to change their answers independently. Beginning level student sheets have one column with 1Ø question numbers.

Advanced level student sheets have two columns with 2Ø question numbers.

Recommended ages: 8 years and up.

Pop-A-Dot (4-pk)
1-17ØØ3-ØØ $71.ØØ

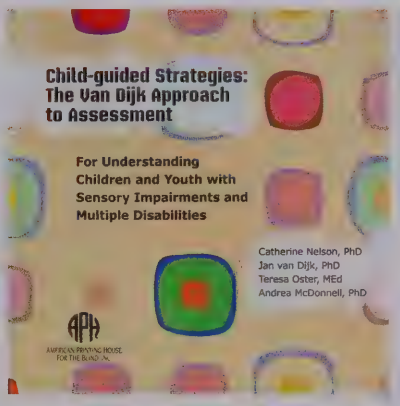


Braille Answer Sheets

Fifty generic sheets with question numbers 1–4Ø in large print and braille, in two columns, with multiple choice braille answers a–e.

5-17ØØ3-ØØ $14.ØØ

Child-Guided Strategies: The Van Dijk Approach To Assessment



This product offers an easy-to-use guidebook with an accompanying flash drive that follows the assessment of a baby, a young child, and a teenager. The Van Dijk assessment is unique as it follows the lead of the individual learner. Critical to the process is the recognition that assessment and intervention must always occur hand-in-glove and that meaningful assessment guides intervention. This product contains the guiding principle and guidelines to conduct an assessment that follows the Van Dijk approach.

7-31001-00 $45.00

Teacher's Pet Software



Create accessible drills, practice exercises, or tests for students who are blind and visually impaired, including both audio and large print tests. It can also record test sessions to track student progress.

Recommended ages: All (dictated by tests created).

Digital Download
D-03460-ED $79.00



Brigance® Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised, 1999 (CIBS-R), Student Braille Edition PARTS

An adaptation of the print inventory, the student braille edition includes tactile representations of diagrams where appropriate.

Recommended grades: Pre-K–9.

5-ØØØØØ-ØØ $444.ØØ



Brigance Diagnostic Comprehensive Inventory of Early Development (Yellow), APH Tactile Supplement, Revised, 1991

A criterion-referenced assessment designed to identify the level of mastery that a young child has achieved on selected skills. This information is important for planning a child's Individualized Family Service Plan (IFSP) or Individualized Educational Program (IEP).

Recommended ages: Birth–K.

Note: The Brigance student large print and braille editions, as well as the APH Tactile Supplement, were designed to be used only in conjunction with the print inventory. To order the print test, student record books, and other regular print materials, contact: Curriculum Associates, Inc. North Billerica, MA 8ØØ-223-Ø248, Fax: 8ØØ-366-1158, **curriculumassociates.com**

5-17681-ØØ $192.ØØ

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BrailleBuzz App N

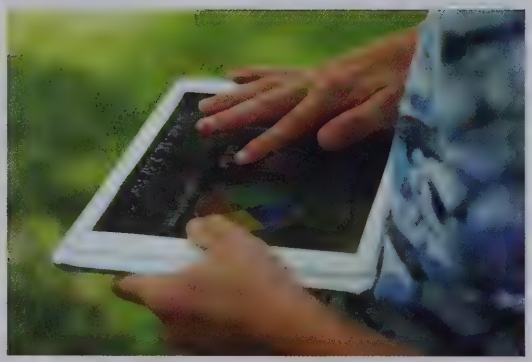
The FREE BrailleBuzz™ App for Android™ and iOS® available only on the App Store for iPhone and iPad uses a fun environment to introduce young children who are blind and visually impaired to some of their first experiences with electronic braille.

Combining fun sounds and activities, the BrailleBuzz App provides an introduction to braille, as well as teaching the skills necessary to perform basic activities for controlling the app, and identifying braille letters. The app provides the functionality of the original BrailleBuzz product, with the added electronic braille experience. While the BrailleBuzz App was designed especially for APH's Chameleon 20 and Braille Trail Reader LE refreshable braille displays, it also works with any connected display.

Note: This product is not federal Quota eligible.

Android Elect Download **D-3ØØ35-AN** Free

iOS Elect Download **D-3ØØ35-AP** Free





Going to the Playground N

Going to the Playground is a FREE app for iPad (for use with a 9.7-inch iPad ONLY) helps young children, ages 3-5, learn orientation directions, such as left and right, in and out, and up and down, as they become familiar with the layout of a virtual playground. The app is self-voicing and includes bold and bright colors to further enhance the playground experience.

Note: This app can also be used with APH's Going to the Playground Overlays (1-Ø8148-ØØ), clear overlays that introduce children to braille and tactile maps.

iOS App Elect Download D-3ØØ31-AP Free

Overlays 1-Ø8148-ØØ $24.ØØ

Les Doigts Qui Rêvent (LDQR)

LDQR Storybooks have been featured in Outstanding Books for Young People with Disabilities, a catalog and exhibit organized by the International Board on Books for Young People (IBBY). IBBY is a non-profit organization representing an international network of people committed to bringing books and children together.

The Storybooks and Cards are produced for APH by the French tactile book publisher, Les Doigts Qui Rêvent (LDQR). Richly textured, collage-style illustrations with interactive features are visually attractive and have appeal for all young learners as well as adults sharing the books with a child. Illustration, design is based on research into the needs of tactual learners. Text is provided in large print and contracted UEB, provided as clear, silk-screened braille of high quality and durability.

Titles change on a regular basis - visit our website to see available titles.



Six Little Dots UEB



Six Little Dots is a texture-rich story book about braille fundamentals. Each 1/2-inch braille dot is a different and distinctive texture and color. The print/braille text introduces the braille dots as story characters who inhabit a braille cell, as they take their place in the braille cell. Features charming text and tactile illustrations.

Recommended ages: 3 years and up.

6-77954-ØØ $122.ØØ



Six Dots Game of Cards UEB



42 colorful tactile cards belong to one of seven different texture "families" (names in print and braille on each card). Within each family are six unique cards, each with a single textured Dot in numbered positions modeled after the arrangement of dots in a braille cell. The goal is to collect all six Dot cards needed to form a complete family.

1-Ø3569-ØØ $71.ØØ



Bright Shapes Knob Puzzles Kit

Based on the shapes used in APH's Light Box Levels I-III Kits, Bright Shapes Knob Puzzles have knobs to help with grasping. Targeted skills include hand-eye coordination, relational concepts such as in/out, directionality, shape and color recognition, comparison, and patterning. Designed to be easily viewed on the APH Light Box, or can be used on its own.

Recommended ages: 2 years and up.

1-03722-00 $169.00

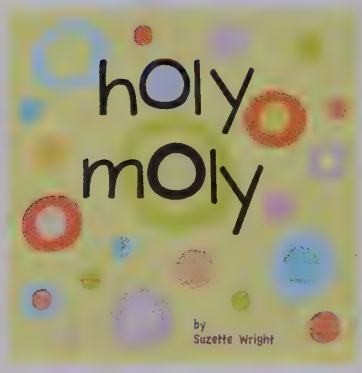


The Best for a Nest UEB

This large print/braille storybook includes color illustrations on each page that depict the text. Includes storyboard and tactile manipulatives, making the reading experience fun and meaningful.

Recommended ages: 2 years and up

5-12301-01 $109.00



Holy Moly UEB

A colorful, tactile board book with rhyming text and interactive components encourages young tactual learners to use their fingers to explore. The multisensory and interactive components engage the child in a movement or action that is connected to the text in a meaningful way. Sturdy, easy-to-turn pages.

Recommended ages: Birth to 3 years.

6-77910-00 $79.00

Laptime and Lullabies: Parent Handbooks

A set of 18 paperback handbooks to help parents incorporate developmental skills into everyday activities. Booklets 1-4 are recommended to be read consecutively; providing background information about visual impairments and infant development. Booklets 5-18 cover various topics through the toddler years with suggestions and support for developing concepts necessary for independence and emergent literacy. Laptime and Lullabies Storybooks are mentioned throughout the reading and are a recommended supplement.

6-77702-00 $119.00



Laptime and Lullabies: Storybooks

Use *Butterflies* and *Where's Little Fuzzy?* Storybooks (both with tactile/manipulative images, braille, and print components) to build language skills before beginning to read the written word. Skills addressed: reciprocal communication, texture discrimination, sensory efficiency, fine motor, spatial relationships, understanding of purposeful movement, cause and effect, and more. Recommended use with Laptime and Lullabies Parent Handbooks.

Each book has a durable flex binder, title in print/braille, and a manipulative image for identification. Pages can be wiped with a damp cloth.

Where's Little Fuzzy:
Takes the reader on an adventure, learning about textures through introductions to Little Fuzzy and his friends hiding on each page. See if you can find them! Learn to open a door, reach into a pocket, or push Little Squeaky to hear a fun sound!

Butterflies:
With this fun book of opposites, learn to navigate the page to find the Butterflies! Some are big, some are bumpy, some are hiding, and some have many friends to play with. Each butterfly is attached with hook-and-loop to allow manipulation. Butterfly finger puppet included. Replacement parts available.

6-77701-00 $359.00



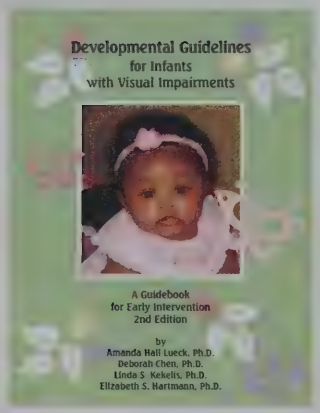


Reach & Match Learning Kit and Inclusive Learning Program

An innovative system for students with sensory impairment and other special needs to learn and engage with their peers. Includes four large puzzle piece mats, each a different color. One side of each mat has a texture with a tactile pattern that matches corresponding tiles. The other side has the same texture but with a recessed white path. Along the path are cut-out shapes that correspond to the same tiles. The tiles are stored in a round pillow with a zipper closure that is placed in the middle of the mats.

Recommended ages: 3 years and up.

1-08816-00 $1,019.00 + shipping

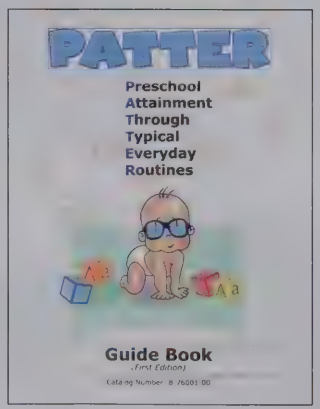


Developmental Guidelines for Infants With Visual Impairments

This guidebook is geared toward early intervention. It contains a wealth of information based on recent research and empirically-based observations about the development of infants with visual impairments. Professionals and caregivers will learn the sequence in which many skills develop.

Note: Developmental Guidelines was designed mainly for professionals who serve infants with visual impairments.

8-50701-00 $52.00



PATTER: Preschool Attainment Through Typical Everyday Routines

This curriculum and assessment tool is designed to facilitate skill development by preschool children who are visually impaired in the areas they are expected to master through involvement in typical household routines. Appropriate for use with children with additional impairments.

Recommended grade: Pre-K.

Large Print
8-76001-00 $89.00

Braille
6-76001-00 $79.00

Everyday Activities Calendar



This idea-filled calendar suggests a fun preschool activity for each day of the year. This large print/braille calendar does not track any specific year, but can be used year after year.

Recommended ages: 3 years and up.

1-08121-00 $171.00

Parents and Their Infants With Visual Impairments (PAIVI), 2nd Edition PARTS



This set of materials is designed to help parents and teachers of infants who are visually impaired become involved as primary members of the intervention team.

7-96149-00 $39.00

Parenting With a Visual Impairment:

Advice for Raising Babies and Young Children



Advice from parents who completed an extensive written questionnaire and a 90-minute phone interview about how they accomplished parenting tasks using non-visual techniques.

Recommended grades: Middle School and up.

Large Print
8-00100-00 $79.00

Experiential Learning:

Activities for Concept Development



Each section in this guidebook contains a brief overview of the skill or concept being addressed. The overview is followed by three suggested activities: a beginning, intermediate, and more advanced activity for each area. The service provider or parent must provide the toys and other materials to be used for each activity.

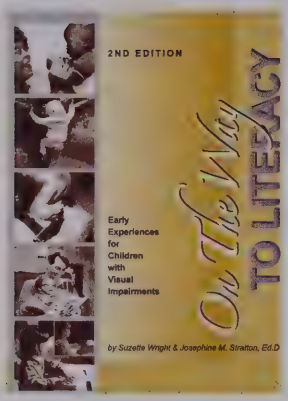
Recommended ages: Birth to 3 years, also has activities appropriate for older children working on the six developmental areas.

Large Print
8-50705-00 $14.00

On the Way to Literacy: Early Experiences for Children who are Visually Impaired

This handbook and series of 18 storybooks contain vital information and activities to enhance the development of literacy in young children who are blind and visually impaired.

Recommended ages for storybooks: 2 1/2 to 5 years, except Gumdrop Tree



On The Way To Literacy Handbook, 2nd Edition

This handbook brings together material from a variety of sources to assist parent and teachers in fostering emergent literacy skills, and suggests ways to use everyday events to support a child's learning in these key areas:

- Early communication and language
- Skills needed for learning through touch and for reading braille
- Awareness of the many ways print and braille are used, knowledge of print and braille conventions, and the relationship of letters and letter-sounds.

Print
8-77520-00 $60.00

Braille
6-77520-00 $210.00



Storybooks With Real Objects and Textures

Giggly-Wiggly, Snickety-Snick

Words capture a range of tactile experiences. Real objects (not included) can be added to envelopes on the pages.

6-77502-05 $99.00

That's Not My Bear

A well-loved teddy bear is lost and cannot be replaced. The special bear and others offered by the family are represented by various furry shapes.

6-77501-01 $71.00

Geraldine's Blanket UEB

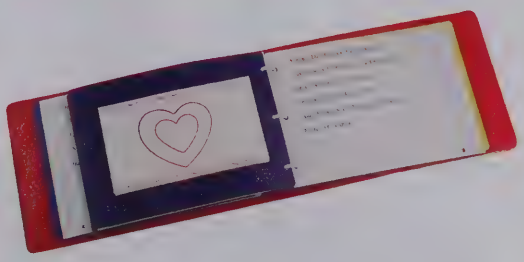
A girl's treasured blanket becomes worn and patched over time, but is never outgrown. Squares of fabric illustrate the fate of the blanket.

6-77501-02 $85.00

Something Special (Set I)

A young child searches for a lost possession; features objects affixed to the book pages.

6-77500-05 $99.00



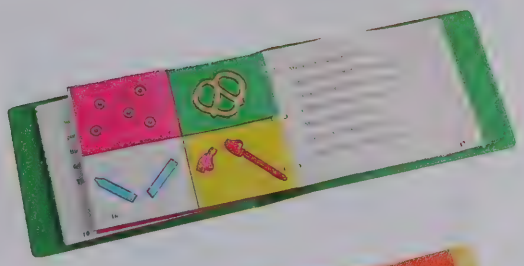
Storybooks Illustrated With Thermoforms

(Molded Plastic Shapes)

Jennifer's Messes (Set I)

Familiar objects such as cereal, pretzels, and crayons illustrate the messes made by Jennifer.

6-77500-06 $109.00

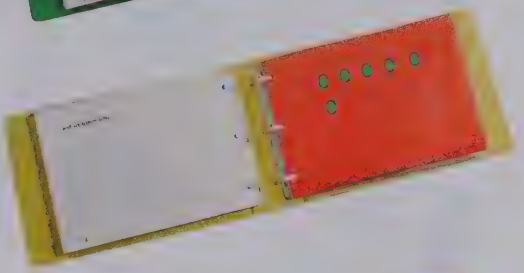


Jellybean Jungle PARTS

Multiple scented stickers included.

A counting rhyme about a magical jungle filled with jellybeans.

6-77502-01 109.00

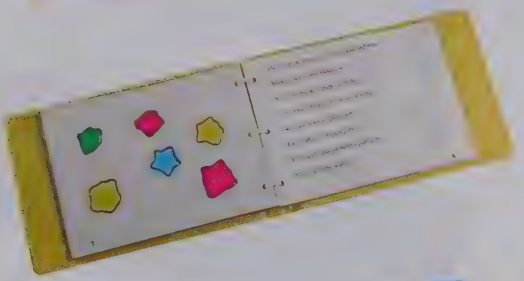


Gobs of Gum (Set I) PARTS

Multiple scented stickers included.

A rhyming story about "big blobs, small gobs, and sticky icky strings of bubble gum."

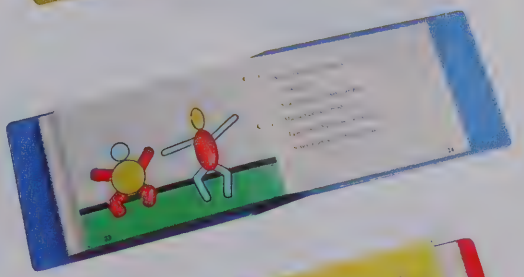
6-77500-08 $59.00



Roly-Poly Man (Set I)

A story about a young child who creates a "roly-poly" figure from pieces of clay.

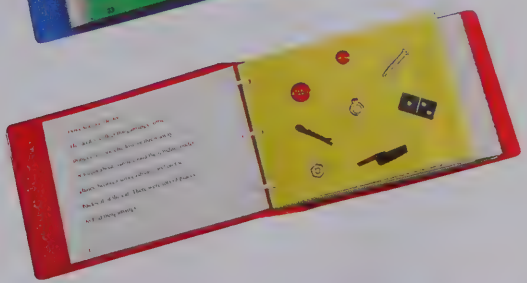
6-77500-07 $79.00



Thingamajig

Jamie is a collector of "thingamajigs" – coins, marbles, buttons, and other common objects. His treasures introduce the concept of grouping items and identifying missing items.

6-77502-04 $65.00





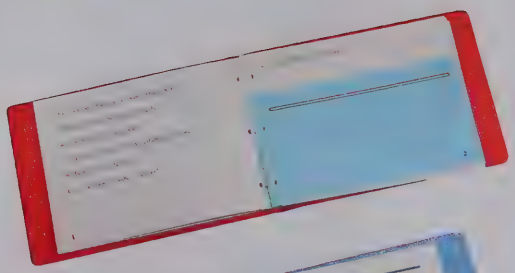
Special Storybook Lets Children Create a Story About Themselves

Book About Me (Set I)

A "Me Book" for children to create. Comes with fill-in-the-blank sentences in braille and print, and space to add illustrations and text.

6-77500-10 $30.00

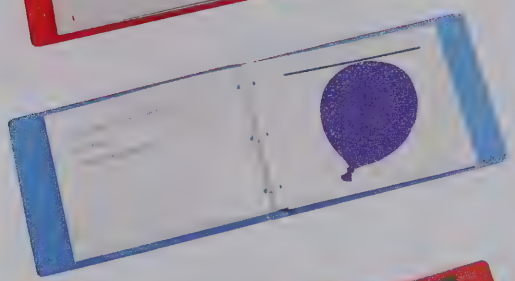
Storybooks With Raised-Line Drawings



The Longest Noodle (Set I)

A child finds the world's longest noodle. Raised lines illustrate a shoelace, a jump rope, etc.

6-77500-01 $37.00



The Blue Balloon

A special balloon takes on extraordinary shapes and performs amazing feats. Illustrated with brightly colored, raised balloon shapes.

6-77501-03 $59.00

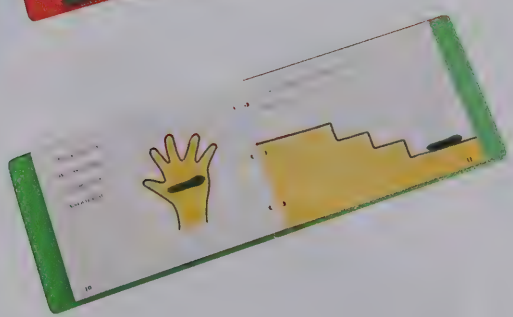


The Littlest Pumpkin

(see related puzzles page 36)

When the littlest pumpkin in the patch isn't chosen to become a jack-o'-lantern, things seem very bleak – until a child discovers his hiding place!

6-77504-00 $64.00



The Caterpillar (Set I)

A visually impaired child makes an exciting discovery in her backyard. Has raised line drawings of a hand, foot, steps, and a fuzzy fabric caterpillar.

6-77500-02 $37.00

Silly Squiggles (Set I)

A worm like creature stretches, squeezes, and squirms into various shapes in this rhyming story.

6-77500-09 $27.00

Bumpy Rolls Away (Set I)

Bumpy the Ball rolls down a hill, down steps, onto a sidewalk, along an alley, and into a box.

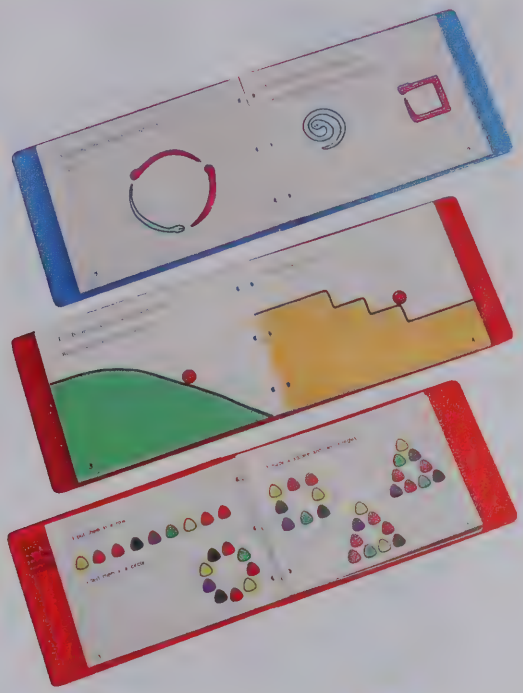
6-77500-03 $25.00

The Gumdrop Tree

Multiple scented stickers included.

Tells the story of a tree that grows from a gumdrop! The raised-line drawings depict the growth of the tree.

6-77502-03 $89.00

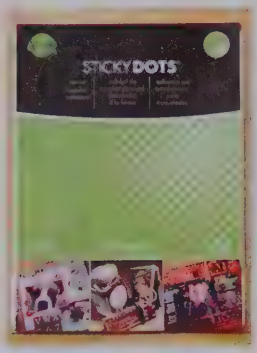


APH SoundPage

The APH SoundPage allows readers to create their own sound effects and recordings. Holds up to three 8-second digital recording/playback devices (two included in basic set), the page can be clipped into the 3-ring binder of any OTWL storybook.

6-77505-00 $54.00





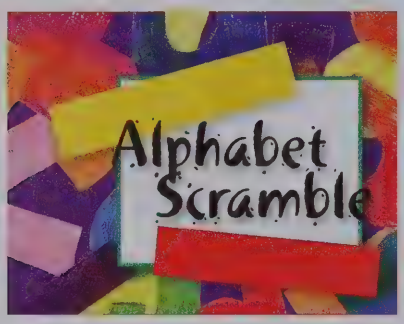


Sticky Dots Adhesive

Make any lightweight objects self-adhesive! Use to create tactile books, worksheets, adapted game boards, etc. These sheets allow you to transfer the dots to a wide range of materials, (felt, craft foam, textured paper, etc.). Package includes eight 8 1/2 x 11 inch sheets in a tear-off pad.

Non-Quota

1-Ø8452-ØØ $9.ØØ



Alphabet Scramble Storybook

A read-aloud storybook promoting emergent and early literacy skills. The rhyming story tells of a "family" of alphabet letters as each sets out to explore the page. As each letter takes a turn crossing the page, which is shown as a line of repeating letters, the child can track along the line of braille, gaining tactile braille reading skills.

5-Ø1199-ØØ $53.ØØ



Rolling Into Place

As the hook-and-loop material ball is rolled to its final "surprise" destination, important hand skills and basic directional concepts are learned and reinforced. This interactive storybook's simultaneous visual, tactile, and auditory feedback help the child attend to the path traveled by the ball. Also included are an assortment of interactive hook-and-loop material face pieces and suggested activities.

1-Ø845Ø-ØØ $96.ØØ



Pumpkin Puzzles

APH offers two pumpkin puzzles related to The Littlest Pumpkin storybook. These puzzles, sold as a set, depict the Littlest Pumpkin and another jack-o'-lantern face. Orange and black foam puzzle pieces are reversible.

1-Ø8835-Ø1 $29.ØØ

Moving Ahead Series

A follow-up to APH's On the Way to Literacy Series, Moving Ahead storybooks are designed for Pre-K to early elementary school students and introduce symbolic representation, more complex illustrations, and increased emphasis on print/braille text. Books (except where noted) feature storyboards with movable symbols for the story's characters, allowing the child to retell the story and create their own tactile displays. Individual words on customer-applied braille labels are included. Each storybook is accompanied by a large print Reader's Guide (braille edition available as a free download) with general information and tips on guiding the reader's tactual exploration of illustrations.

Goin' on a Bear Hunt

Go on a bear hunt by following a raised line across this story's tactile landscape.

Recommended grades: Pre-K to 3rd.

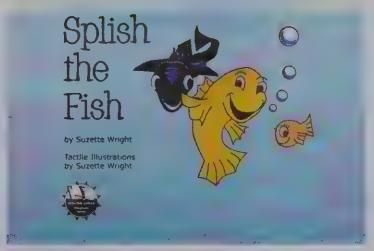
6-77903-00 $77.00



Splish the Fish

Search for Splish—above, below, near and far—to help him find his way back to his friends.

6-77902-00 $99.00

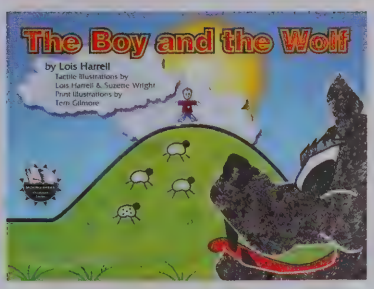


The Boy and the Wolf

Search the page for characters, count and compare like and different pairs of sheep, and notice differing orientations and other features.

Recommended grades: Pre-K to Kindergarten.

6-77900-00 $99.00



Turtle and Rabbit

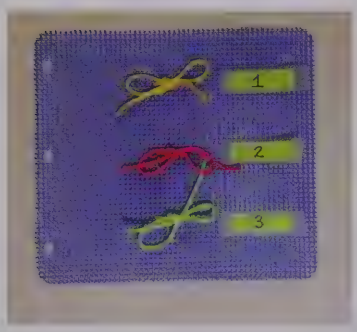
Follow the paths and progress of the classic race between the tortoise and the hare.

Recommended grades: Pre-K to 2nd.

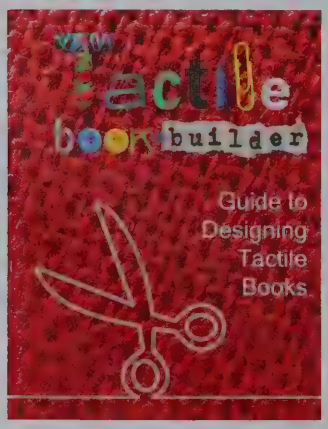
6-77901-00 $85.00











Tactile Book Builder Kit PARTS

The Tactile Book Builder Kit contains a wide selection of materials, enabling users to quickly custom-make books of many kinds—firsthand experience storybooks, concept books, simple texture books, informational books, alphabet books, adaptations of print books, and more!

A large, varied assortment of pre-cut pages permits easy attachment of objects and presentation of collaged textures, shapes, raised-line drawings, and multisensory elements as illustration. Braille paper, braille label material, and clear page protectors offer multiple ways to add braille and print text. All pages fit into sturdy plastic binders with reclosable safety loops. Binders feature an open-view front to allow users to create and insert their own tactile cover art.

Included (also available separately) is the *Guide to Designing Tactile Books* 7-ØØ826-ØØ.

Note: Binders and pages in Tactile Book Builder and CVI Book Builder can be used interchangeably. Most kit components are available as replacement parts.

1-ØØ826-ØØ $519.ØØ

Guide to Designing Tactile Books

This guide is a 12Ø-page illustrated handbook assisting teachers and caregivers in creating books and tactile illustrations. Topics include:

- Learning through touch
- Role of tactile, multisensory, interactive
- Principles of good tactile design
- Specific design guidelines for various types of tactile illustrations and suggested sequence of difficulty
- Fine motor, exploratory, and cognitive skills needed to interpret tactile illustrations
- Photos and descriptions of exemplary tactile books
- Lists of craft items and materials for use in tactile books
- "Story-starter" ideas for books across a range of ages and abilities

7-ØØ826-ØØ $2Ø.ØØ

Select Switch



Designed for use in educational and daily living applications, the Select Switch is a battery-operated environmental control unit for individuals with severe motor disabilities and cognitive impairments. Various function control features enable individuals to communicate and control battery operated appliances, toys, and devices. Requires 4 AAA batteries (not included).

1-08617-00 $89.00

Joy Player



This easy-to-load, switch-activated music player allows individuals who are developing fine motor skills, have limited mobility, or cognitive disability (in addition to a visual impairment) to access music and audio books. Designed to use with the personal music player routine in APH's SLK.

Ships with 5 DTB cartridges

Recommended ages: 3 years and up.

1-07089-00 $349.00 + shipping

Sensory Learning Kit (SLK)



This Kit contains an extensive set of sensory items and written materials that help learners increase their curiosity and develop specific skills. Tools in this Kit may be used to help create daily schedules, lesson plans, and alternative assessments for play or functional routines.

1-08611-00 $463.00



HANDS ON: Functional Activities for Visually Impaired Preschoolers

Helps children develop skills such as concentration, hand and visual coordination, ability to complete a cycle of activity, and socialization skills. Also helps develop a sense of order and a positive self-image. For parents and professionals.

Recommended ages: 3 to 6 years.

1-03260-00 $280.00



Tactile Treasures: Math and Language Concepts for Young Children With Visual Impairments

An informal assessment and teaching tool for use with children to develop an early understanding of basic concepts and vocabulary. By pairing tactile graphics of thermoformed real objects with included descriptive scripts/stories, over 90 concepts can be introduced and reinforced.

Note: Large print guidebook included, braille guidebook available separately.

Recommended ages: 3 years and up.

1-08842-01 $506.00



Giant Textured Beads

Introduces a variety of concepts, including shape, color, and texture. Also assists in the development of muscular and eye-hand coordination. Shapes have three textures. Bead stringer included.

Warning: Strangulation Hazard - Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

Recommended ages: 3 to 6 years.

1-03780-00 $71.00

Giant Textured Beads With Pattern Matching Cards

This kit is designed with preschool through early elementary students in mind. Pattern Matching Cards reinforce the tactile continuum from real objects (most basic level) to raised-line graphics (most advanced level). Students in higher grades will be challenged by the increasing difficulty posed by the "Platform" and "3-D View" matching cards.

Warning: Strangulation Hazard - Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

1-03778-00 $182.00

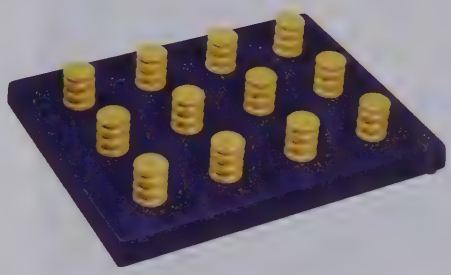


Textured Pegs

Helps develop fine motor skills, manual dexterity, and grasp/release skills, reinforcing concepts of direction and position.

Recommended ages: 1 to 6 years.

1-08930-00 $45.00

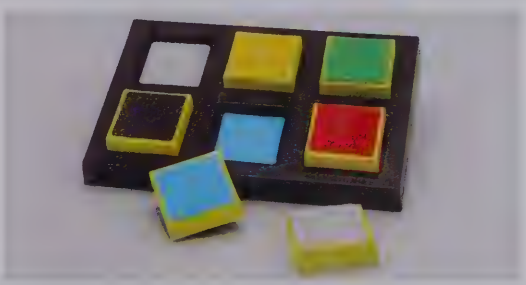


Textured Matching Blocks

Encourages recognition of textures, identification by name, and tactual matching, while reinforcing directional and positional concepts.

Recommended ages: 3 to 6 years.

1-08950-00 $72.00



Textures/colors may change depending on material availability.

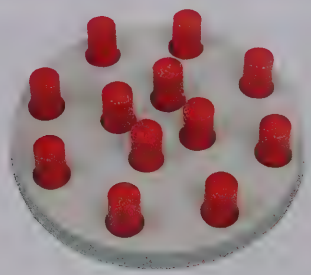
Puzzle Form Board Kit

Supplementary aid for teaching basic concepts, such as shape, texture, color, size, and matching.

Recommended ages: 3 years and up.

1-03721-00 $130.00





Sound Matching Board I

Develops fine motor skills and auditory matching and discrimination, with the capability of introducing sequential order.

Recommended ages: 3 years and up.

1-Ø871Ø-ØØ $8Ø.ØØ

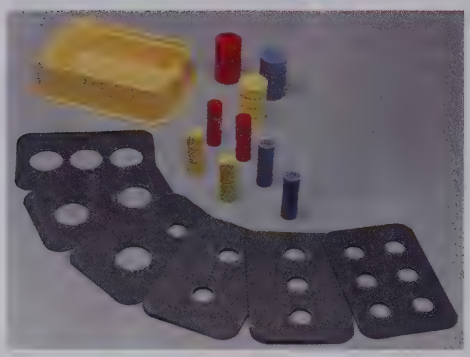


Sound Matching Board II

Helps develop concepts of a series, directions, positions, matching, and discrimination. Eight shakers with four different sounds.

Recommended ages: 3 years and up.

1-Ø872Ø-ØØ $59.ØØ



Peg Kit CVI PARTS

Helps children develop skills in manipulation, number and language concepts, and color, size, and tactual discrimination

Recommended ages: 3 to 8 years.

1-Ø342Ø-ØØ $56.ØØ



Shape Board CVI

Proportional shapes contrast brightly against the yellow pegboard and aid in understanding size, up, down, right, and left. Consists of 25 geometric figures and a board with three columns of five pegs. All shapes are black on the back side.

Recommended ages: 4 years and up.

1-Ø371Ø-Ø1 $96.ØØ

Sensory Cylinder Set



Develops skills in manipulation, number and language concepts, and tactual, color, and weight discrimination.

Recommended ages: 3 years and up.

1-03670-00 $79.00

Small, Medium, and Large Circles, Set I

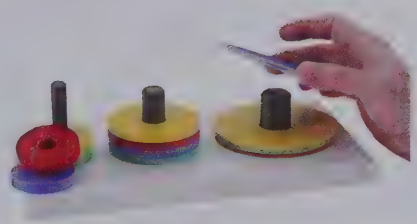


Introduces the concept of fine size discrimination. Frame contains three recessed nests for holding six foam circles of various sizes.

Recommended ages: 1 to 3 years.

1-08590-00 $21.00

Small, Medium, and Large Circles, Set II



Facilitates perception of three dimensions, while strengthening manipulative, matching, and discrimination skills. Base has three pegs for sorting circles. As circle diameter increases, thickness decreases.

Recommended ages: 3 to 6 years.

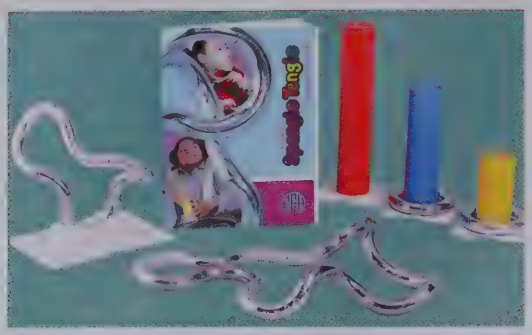
1-08600-00 $27.00

Tangle Toy and Tangle Book Kit



With its infinite knot shapes and variety of colors and textures, the Tangle Toy can be used to encourage a child to explore, move, and play. Tangle Book activities and games help both children who are sighted and children who are visually impaired refine motor skills, color discrimination, and tactile discrimination.

1-08750-00 $63.00

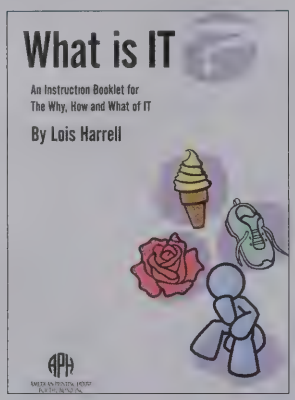


Spangle Tangle: Play and Explore

Micro-suction-based mounts adhere to smooth surfaces to provide opportunities for all learners to improve visual and tactile attention, communication, and creativity. Through specially designed activities, the learner develops motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

Recommended ages: 5 years and up.

1-08755-00 $131.00

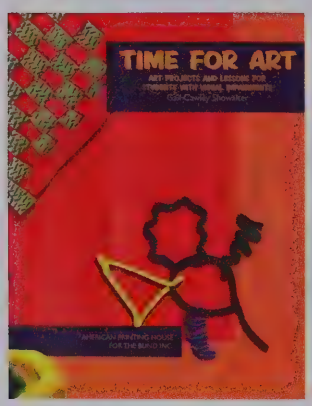


What is it? Kit

With an active introduction to details contributing to the whole, the child will gain the foundation for comparative thinking, leading to the ability to generalize and communicate independently.

Recommended grades: Pre-K and up.

1-03535-01 $61.00

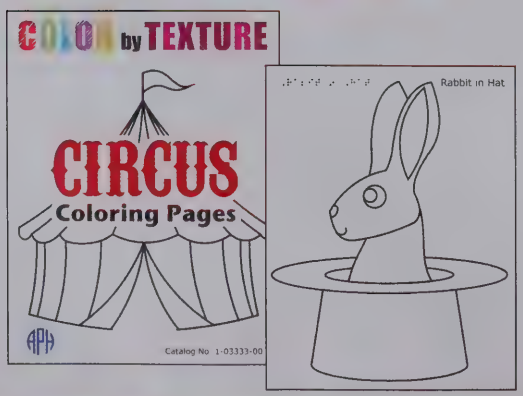


Time For Art: Projects and Lessons for Students With Visual Impairments

A handbook for teachers and parents that explains how to instruct students with visual impairments in art, how to handle the media being explored, and points to consider in art program planning.

Companion lessons are offered for each project and often explore other areas such as science, history, or mathematics.

8-03800-00 $26.00



Color-by-Texture CIRCUS Coloring Pages

These theme-based coloring pages complement APH's Color-by-Texture Marking Mats. These raised-line coloring pages facilitate a variety of art activities for young children and students who are visually impaired and blind.

Recommended ages: 6 years and up.

1-03333-00 $27.00

Color-by-Texture Marking Mats

CVI PARTS

The primary goal of this product is to invite tactile learners to be active participants in art activities by making their own choices based on color and texture preferences.

The textured mats and related items can also be used by adults for more sophisticated art creations. The kit is ideal for promoting shared art experiences within a variety of instructional settings with sighted peers.

1-Ø3332-ØØ $144.ØØ



Work-Play Trays

CVI

Durable trays hold objects which might roll out of reach. Trays provide enclosed work space for sorting, matching, classifying, counting. Two sizes and colors available.

Small Work-Play Tray
17x11 3/4 inches

Black 1-Ø3751-ØØ $24.5Ø

Yellow 1-Ø366Ø-ØØ $26.ØØ

Large Work-Play Tray
21 1/4x13 1/4 inches

Black 1-Ø3761-ØØ $26.ØØ

Dividers (4-pk)
for Small Work-Play Tray
1-Ø377Ø-ØØ $36.ØØ



Jumbo Work/Play Tray

CVI

The Jumbo Work/Play Tray provides learners who have visual impairments and/or other significant challenges with a tool with which they can play, explore, and learn independently. The large size (24 x 24 inches) allows ample space for active learning and prevents toys from rolling out of reach. A yellow liner accompanies the tray for additional color contrast.

1-Ø3764-ØØ $69.ØØ



Balls not included.



VIPS Video Library

This video library from Visually Impaired Preschool Services (VIPS) is a series of essential videos for parents and caregivers of young children who are visually impaired and blind.

This library offers practical and proven techniques that foster their development.

Learning About the World
1-30025-DVD $57.00

Becoming A "Can-Do" Kid
1-30026-DVD $57.00

Making Friends
1-30027-DVD $57.00

Going Places
1-30028-DVD $57.00

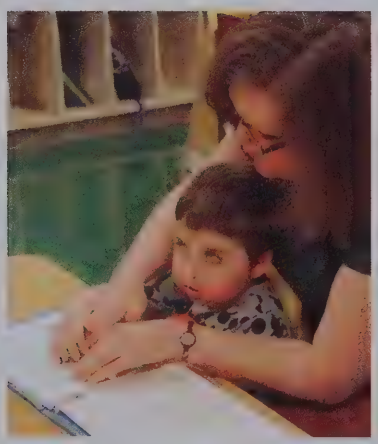
Growing My Way
Part 1: (3–18 Months)
3-Video Series
1-30035-DVD $160.00

Successfully Adapting the Preschool Environment
1-30032-DVD $57.00

Moving Through the World
1-30030-DVD $57.00

Through Their Eyes
1-30029-DVD $53.00

Growing My Way
Part 2: (24–36 Months)
3-Video Series
1-30036-DVD $171.00



Every Child Can, VIPS Video

This video attempts to demystify the Expanded Core Curriculum (ECC) for parents of young children who are visually impaired, and for their general education teachers who may have limited expertise and experience teaching children with vision loss. English and Spanish versions are available in DVD and optional USB formats, with both audio descriptions and closed captioning. This product is not available for purchase with Quota funds. Also available on USB in Spanish and English.

Non-Quota

English
1-30037-DVD $35.00
1-30037-USB $35.00

Spanish
1-30038-DVD $35.00
1-30038-USB $35.00

VIPS@Home: Parent Empowerment Program

This three-module program, developed in partnership between APH and Visually Impaired Preschool Services (VIPS), provides a brief overview of print and braille literacy, and introduces (through at-home courses) things parents can do for their child to build emergent literacy skills, such as:

- Reading aloud with their child
- Appropriate book selection
- Adapting books by using story boxes

Recommended ages: birth to 5 years.

Each course includes a large print Course Book and an available download with accessible files, including a .brf in UEB and a presentation tool.

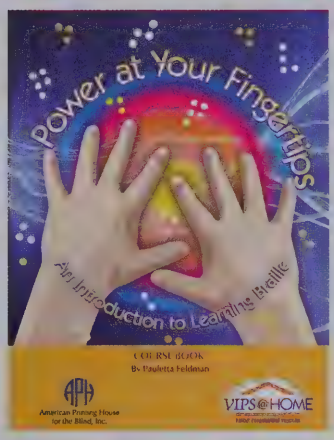
VIPS@Home is available with Quota funds.



Emergent Literacy

Story time comes to life! Program teaches parents how to become comfortable and vibrant storytellers.

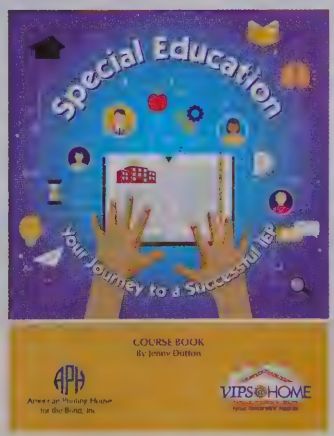
8-00076-00 $10.00



Power at Your Fingertips

Provides a concise and family-friendly introduction to braille. Parents can begin to experience the joy of learning braille without the frustration of enormous textbooks. Parents will learn how to bring braille literacy into their child's everyday routines and discover numerous resources for child-ready braillematerials.

8-00075-00 $7.00



Special Education: Your Journey to a Successful IEP

Helps demystify conferences and paperwork, and puts parents at ease during the school years ahead.

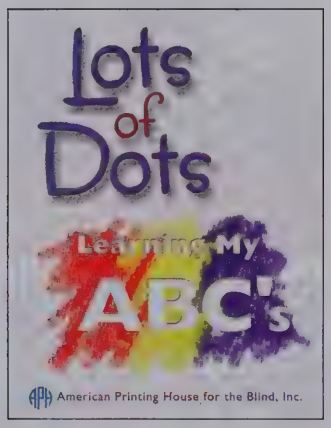
8-00078-00 $9.00

Lots of Dots Coloring Book Series

An exciting set of three raised-line coloring books designed for future large print and braille readers. The books are designed for sequential use; children develop character recognition, pre-literacy, and pre-math skills, and eventually picture building and daily living skills.

Accompanying each book are suggested enrichment exercises for each letter, number, or word, allowing a child to fully associate the print letter, the braille, the tactile graphic, and the object.

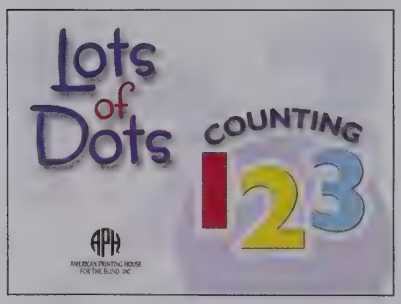
Recommended grades: Pre-K and up.



Learning My ABC's

Facilitates braille character recognition through repetitive activities. Attached to the inside front cover is a plastic stencil of the jumbo cell that can be folded over the blank pages, allowing the student to practice the braille cell for that letter. Includes six foam dots for instant recall. Uncontracted braille.

1-10000-00 $69.00



Counting 1 2 3

Presents numbers 0–30 and then integers of 10 up to 90. Attached to the inside front cover is a plastic stencil of 3 large braille cells. This can be folded over the blank pages, allowing the child to practice the braille cell for the number by tracing or by using the accompanying foam braille chips Includes 18 foam dots for instant recall. Uncontracted braille.

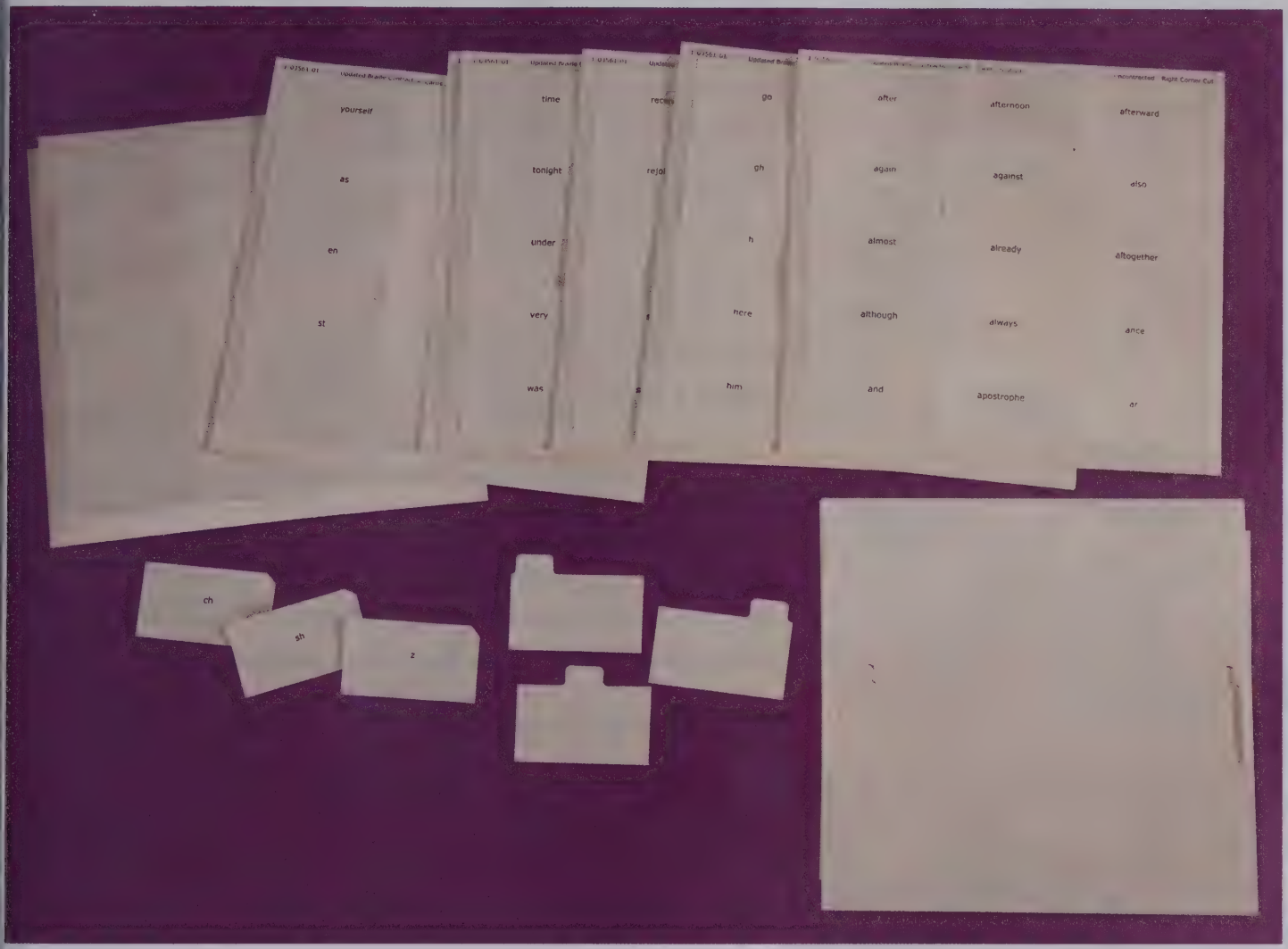
1-10001-00 $81.00



Coloring the Garden

Presents a variety of fruits, vegetables, and herbs, and introduces picture building. Beginning with an empty garden; each page adds a new feature (clouds, rain, seeds, and plants). Once the garden has grown, a new garden item is introduced for the child to color. Includes contracted and uncontracted braille.

1-10002-00 $66.00



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Tactile Editing Marks Kit

The use of tactile editing marks provides beginning writers with a concrete way to indicate changes on their braille drafts as they revise and edit short pieces, enabling students to write final correct copies of their work independently.

Recommended ages: 5 years and up.

1-08896-00 $65.00



All Aboard! The Sight Word Activity Express

This set of interactive and versatile magnetic print/braille labels can be used for instruction and assessment of a student's recognition of sight (high frequency) words — the most commonly used words in the English language. The list of 220 words, plus 95 nouns or "picture words," was developed by Edward W. Dolch and is referred to as the "Dolch Basic Sight Word List."

1-03558-00 $321.00



All Aboard! Magnetic/Dry Erase Board

Use for activities involving magnetic-backed pieces or activities requiring dry erase markers. The working surface of the board measures 13 1/2 x 10 11/16 inches and is affixed to a red rigid vinyl that provides a visual boarder.

Recommended ages: All.

1-03559-00 $27.00

Wilson Reading System® (WRS) and Instructional Materials

A complete curriculum for teaching decoding and encoding (spelling), beginning with phoneme segmentation. WRS provides an organized, sequential system with extensive controlled text to help teachers implement a multi-sensory structured language program.

This system addresses the learning style of students with a language-based learning disability; however, it is beneficial to any student lacking basic reading and spelling skills.

For more information and professional development opportunities on the use of the program and certification, visit **wilsonlanguage.com.**

Teacher Manuals may be ordered from the Wilson Language Training website.

Recommended grades: 2 and up.

Note: WRS Instructional Materials are needed to work with the WRS Large Print and Braille Student Kits.







WRS, Student Reader Kit, Braille

Student Reader One, Supplemental Worksheets One, Modified Workbooks 1A and 1B, Teacher's Brochure, and WADE Sheets

6-79511-SK1 $278.ØØ

Student Reader Two, Supplemental Worksheets Two, Modified Workbooks 2A and 2B, and Teacher's Brochure

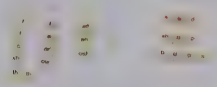
6-79511-SK2 $239.ØØ

Student Reader Three, Supplemental Worksheets Three, Modified Workbooks 3A and 3B, and Teacher's Brochure

6-79511-SK3 $2Ø5.ØØ









WRS, Student Reader Kit, Large Print

Student Reader One and Workbooks 1A and 1B
8-79501-SK1 $41.00

Student Reader Two and Workbooks 2A and 2B
8-79501-SK2 $37.00

Student Reader Three and Workbooks 3A and 3B
8-79501-SK3 $37.00

WRS Instructional Materials

Card Sets w/Carry Case
6-79515-00 $240.00

WADE Sheets
6-79517-00 $29.00

Print/Braille Magnetic Tiles and Journal
6-79516-00 $69.00

Important Icon Legend

CVI Icon

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

UEB Icon

Products with this icon are transcribed in Unified English Braille (UEB).

N New Product

R Revised Product

Replacement and Optional Parts Available Icon

Products with available replacement parts are marked with this icon. Refer to the Parts Catalog on our website: aph.org/aph-catalogs.

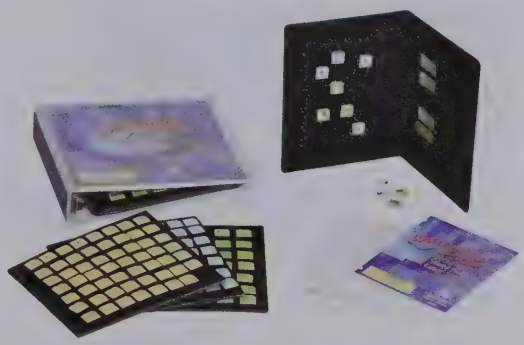
Downloadable Manuals

Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit **www.aph.org/manuals-downloads/** to download an accessible manual. If you cannot find what you are looking for, go to the product's page in the download section for legacy files.

YouTube

Product videos available on APH's YouTube page.

Word PlayHouse

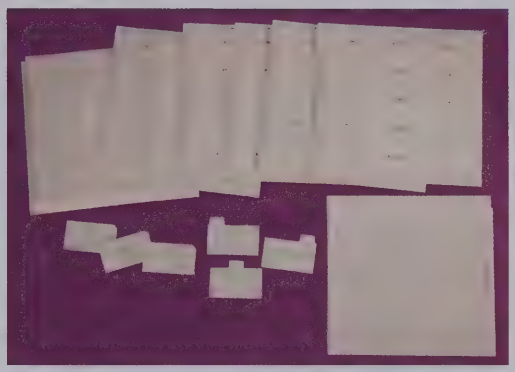


Helps students focus on phonics, spelling, and phonemic awareness. Use Word PlayHouse to teach beginning phonics and reading skills including letter recognition, braille code recognition, decoding, vocabulary, and spelling skills.

Recommended ages: 5 to 8 years

1-03562-00 $342.00

Braille Contraction Cards UEB



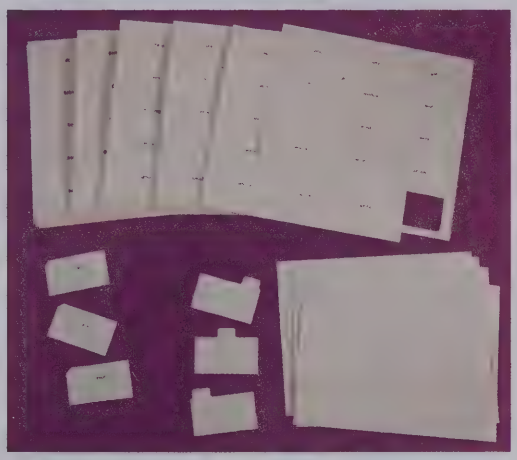
These large print/braille flashcards are for practicing the Literacy Braille contractions.

Includes 282 cards, 78 blank cards, 30 indexing cards with tabs, and a storage box.

Recommended ages: 6 years and up.

1-03561-01 $38.00

Expanded Dolch Word Cards UEB



These large print/braille flashcards can be used for reading practice or an informal assessment of a student's ability to read words in contracted braille and spell words in uncontracted braille. Picture word cards contain a picture corresponding to the word.

Recommended ages: 5 years and up.

1-03560-01 $42.00

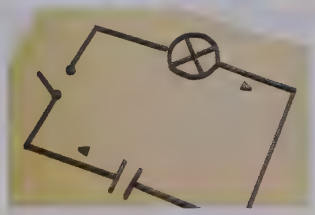
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Graph Benders N UEB ⚠



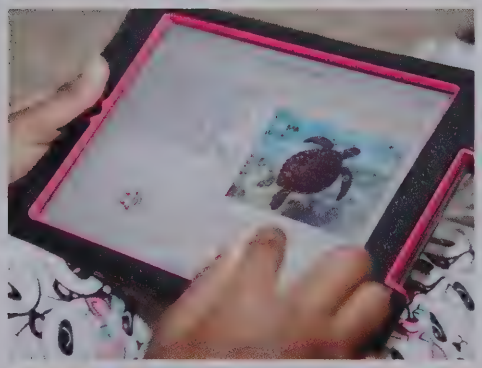


Great for math and science alike, teachers and students can use Graph Benders to create/plot graphs and tactile diagrams/charts that are both tactile and visual, as well as durable.

Graph Benders' flexible strips and point symbols (triangles, circles, squares) can be applied directly to paper, and are an excellent way for students to demonstrate their mastery of math or science concepts. This product pairs well with APH's Feel 'n Peel Stickers: Point Symbols, Tactile Compass for Math and Art, Graphic Aid for Mathematics, and our selection of Embossed, Low-Relief, and Bold Line Graph Sheets.

1-03400-00 $89.00

AnimalWatch Vi Building Graphics Literacy App N



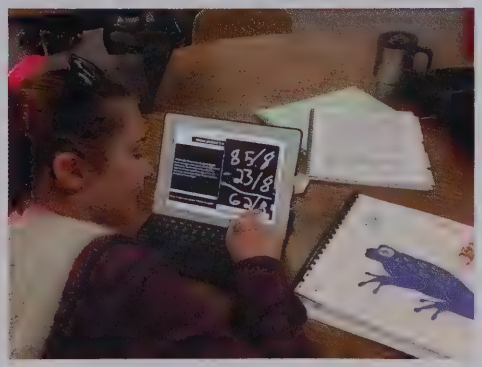


Recommended for students in 5th to 8th grade (math level), the AnimalWatch Vi iPad app contains ten units with warm-up problems and two problem sets that teach students how to read and interpret different types of graphs: bar graphs, line graphs, circle graphs, Venn diagrams, coordinate planes, box plots, maps, and data tables. The graphs also tell fascinating stories about endangered species, such as the Tasmanian devil, platypus, and dinosaur ant.

Note: Students who are blind and visually impaired will need to purchase the supplemental tactile graphics (provided by Lighthouse San Francisco) to complete the app's ten units.

D-30040-AP Free

AnimalWatch Vi Suite



The AnimalWatch Vi Suite includes a free iPad app and accompanying braille and print materials. Students at the pre-algebra level (grades 5–7) can build their math word problem solving skills while learning about endangered and invasive species, such as the black rhino, cheetah, gray wolf, and white shark.

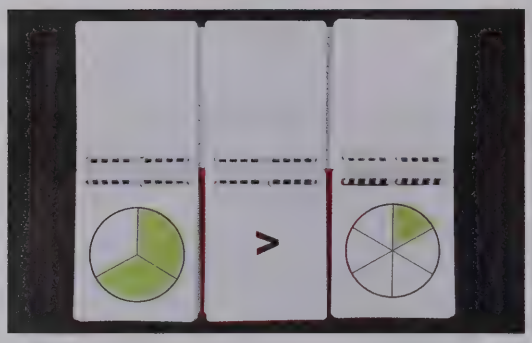
Available from the App Store: **itunes.apple.com/app/animalwatch-vi-suite/id1051014170?mt=8**



Tactile Five and Ten Frames

Print math books use five and ten frames as part of the common core standards. This accessible, tactile version helps young students to visualize sets of five and ten, thus helping to develop subitizing skills - the ability to instantly see "how many." Simply set down one or more of the plastic frames on a table and insert the included tactile tokens into the slots. Tactile Five and Ten Frames supports the development and understanding of counting and cardinality, composing and decomposing numbers, place value, and addition and subtraction skills.

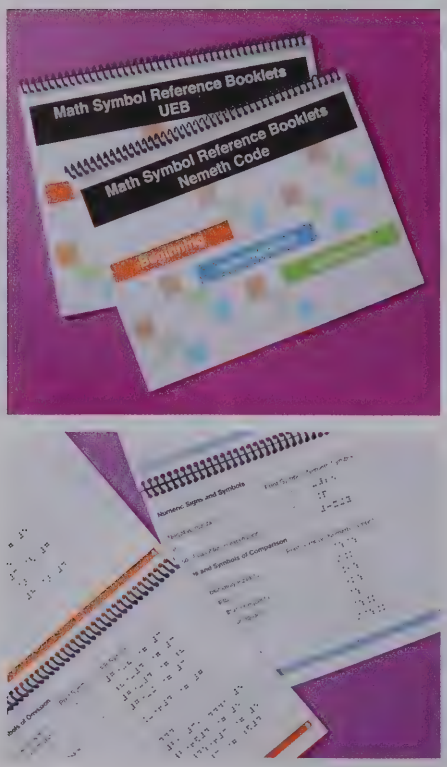
1-03567-00 $69.00



Flip-Over Concept Book: FRACTIONS

PARTS CVI UEB

Flip-Over Concept Books - Fractions is an interactive print and braille book designed to teach elementary students who are blind and visually impaired about fractions, decimals, and percents. Teachers and parents can create their own lessons by fully customizing the presentation of the fraction panels offered in the book.



Math Symbol Reference Booklets

R UEB with Nemeth

Make teaching and learning math a breeze with Math Symbol Reference Booklets. The included Nemeth Code Reference Booklet and UEB Companion Reference Booklet contain a list of Nemeth or UEB math symbols, along with an explanation for what each symbol represents. Purchase a kit for your classroom today.

Learning Nemeth and UEB math can be overwhelming, which is why we've created large print and braille Math Symbol Reference Booklets. These Booklets list different subcategories of math symbols and what they represent. Perfect for beginner, intermediate, and advanced learners.

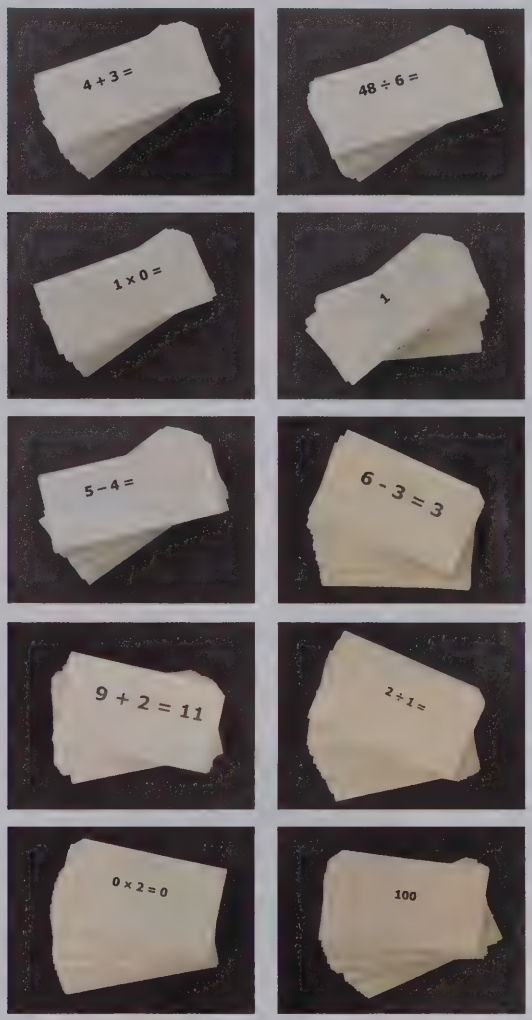
Large Print Version
7-87300-00 $19.00

Braille Version
5-87300-00 $23.00

Math Drill Cards UEB

Elementary students who are blind and visually impaired can quickly and easily learn their math facts with these UEB and Large Print Math Drill Cards! These large print/braille cards include a math fact on one side of the card, and the fact with the answer featured on the opposite side. Braille is in UEB Braille Code for Mathematics.

Note: Some assembly required. These cards can also be used with the Card Chart Kit, 1-03550-00.



Number & Math Signs
UEB 1-03545-00 $24.00
Nemeth 1-03551-00 $17.00

Addition
UEB 1-03546-00 $24.00
Nemeth 1-03552-00 $11.00

Subtraction
UEB 1-03547-00 $24.00
Nemeth 1-03553-00 $10.00

Multiplication
UEB 1-03548-00 $24.00
Nemeth 1-03554-00 $13.00

Division
UEB 1-03549-00 $24.00
Nemeth 1-03555-00 $13.00

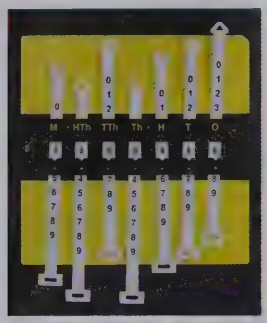
Hundred Board and Manipulatives UEB

Great for the elementary math classroom, Hundred Board and Manipulatives can be used to teach basic math concepts including patterning, counting, ordering numbers, comparing numbers, addition and subtraction, and base ten number system. This product includes a number board, a grid board, and two sets of manipulatives: numbers and shapes.



Nemeth
1-03107-00 $175.00

UEB
1-03106-00 $175.00





Place Value Setter

With its refreshable and concrete display, the Place Value Setter gives 1st to 3rd grade students a prompt way to represent numbers using written digits, and is useful for setting up place value problems quickly in inclusive settings, so students can follow and participate in classroom instructions.

1-Ø8284-ØØ $1Ø9.ØØ







Math Robot

APH's Math Robot™ has a smart "know-it-all" math robot character that provides fun drills and practices for simple math problems. The app is both self-voicing and accessible with Apple's VoiceOver. A low vision mode adds extra contrast.

Recommended ages: 6 years and up.

Non-Quota Order
Available from the App Store:
itunes.apple.com/app/math-robot/id7Ø457Ø512

$4.99

Quota Order
Note: Find detailed software purchasing instructions in the "How to Order" section page 193.

D-3ØØØØ-APL $4.99



Practice2Master Fractions

A fully accessible app that every elementary school math teacher should have in their teaching toolbox - Practice2Master Fractions helps students become proficient in fraction calculations. It supplements teachers' instructions by providing students with an unlimited number of problems to practice. App works with devices running iOS 9 or later, and is compatible with VoiceOver.

Recommended ages: 9 years and up.

Available from the App Store:
itunes.apple.com/us/app/practice2master-fractions/id1257764758?mt=8

D-3ØØ3Ø-AP FREE

Draw2Measure Protractor (for iOS devices)

This app is designed for students who are blind and visually impaired, and can be used by sighted students too! It gives students an alternative way to measure angles, thus meeting students' diverse needs in math and science classrooms. Works with devices running iOS 8 or later.

Watch a short video: **youtube.com/watch?v=D77pBfjCmMI** to see theDraw2Measure™ Protractor app in action!

Available from the App Store: **itunes.apple.com/us/app/draw2measure-protractor/id1097557700?mt=8**

D-30023-AP FREE

Math Flash Software

This software helps elementary students sharpen math skills with talking electronic flash cards.

This self-voicing program uses the computer's sound card to communicate instructions, drills, practice sessions, and games.

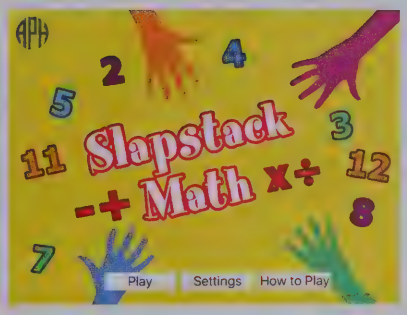
Requires a PC running Windows® 7 or later.

See page 157 for Google Action and Alexa Skill versions.

Recommended ages: 6 years and up.

Digital Download
D-19910-ED $24.00

Slapstack Math (for iOS devices)

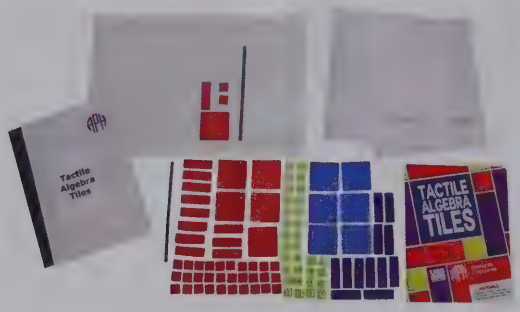


Slapstack Math™ is fully accessible for all users. The goal is to collect the most points by pulling in the most cards. Two to eight players can play on the iPad®, or two to four players on the iPhone®.

Recommended ages: 7 years and up.

Available from the App Store: **itunes.apple.com/us/app/slapstack-math/id1209184917?mt=8**

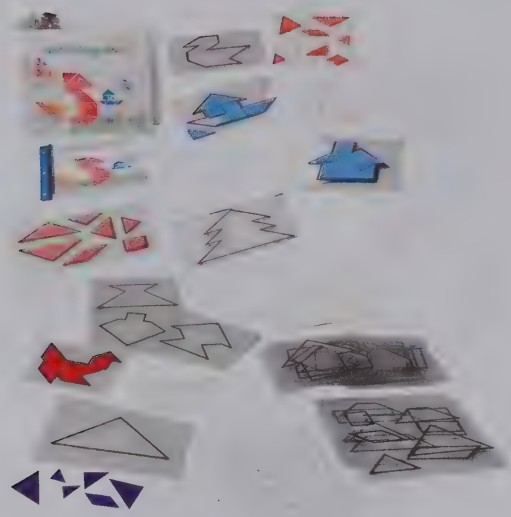
D-30025-AP FREE



Tactile Algebra Tiles

Tactile Algebra Tiles is an accessible version of traditional algebra tiles, specifically designed for students who are blind and visually impaired. It includes magnetic tiles that the students can manipulate on a steel board, and uses tactile symbols to help students differentiate between tiles. Colors are chosen with consideration for the needs of students who have low vision. This product is consistent with traditional algebra tiles used by sighted students, allowing students who are visually impaired to work together with their classmates in inclusive classrooms.

1-Ø841Ø-ØØ $159.ØØ



Tactile Tangrams

The materials and activities presented in APH's Tactile Tangrams make this puzzle accessible to students and adults with visual impairments and blindness. The use of tangram puzzles encourages the development and reinforcement of many educational and recreational skills, including spatial reasoning, shape recognition, size comparison, pattern replication, and independent problem solving.

1-Ø8439-ØØ $195.ØØ



MathBuilders

This supplementary math program is separated into eight units by content standards and grade level. This allows the teacher to focus on specific standards or provide remedial material for individual students.

Recommended ages: 5 years and up.

Large Print Kits

Unit 1 Matching, Sorting, and Patterning
7-Ø3560-ØØ $271.ØØ

Unit 5 Measurement and Estimation
7-Ø3562-ØØ $249.ØØ

Unit 6 Geometry
7-Ø3563-ØØ $288.5Ø

Unit 7 Fractions, Mixed Numbers, and Decimals
7-Ø3564-ØØ $244.ØØ

Unit 8 Data Collection, Graphing, and Probability/Statistics
7-Ø3565-ØØ $175.ØØ

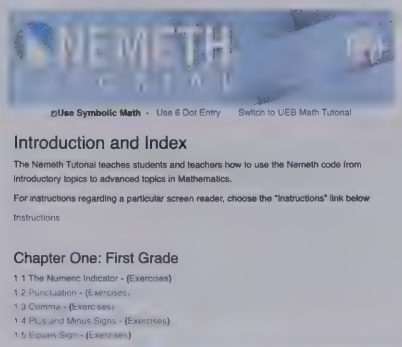
Nemeth Tutorial

APH's online Nemeth Tutorial consists of over 5Ø lessons within 11 chapters. It shows teachers and students the rules of the Nemeth Braille code and provides exercises to help teach it.

Recommended ages: 5 years and up.

Available from APH: **tech.aph.org/nemeth**

FREE

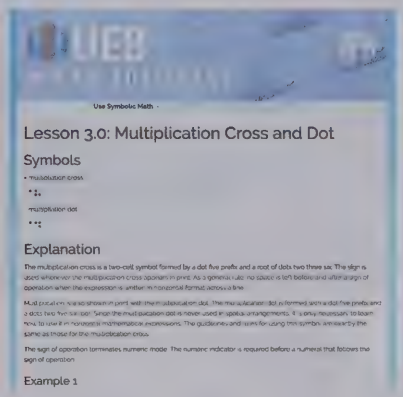


UEB Math Tutorial

APH's UEB Math Tutorial contains over fifty lessons broken into 1Ø chapters that cover the rules of UEB Mathematics. Accessible to both visually impaired and sighted users, this web-based program runs on any modern computer platform, works well with refreshable braille displays, and it's available free-of-charge!

Recommended ages: 5 years and up.

D-3ØØ32-ED FREE



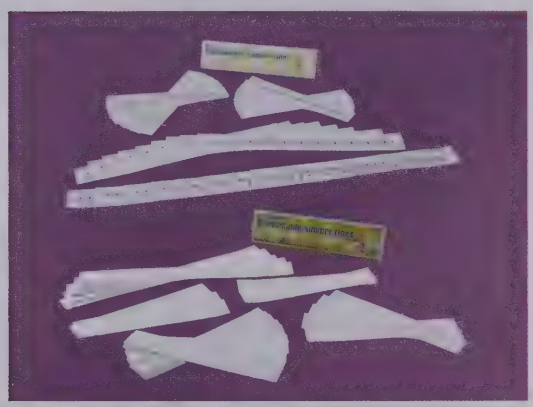
Consumable Number Lines

Reinforces beginning number concepts such as counting, sequencing, number recognition, number relationships, addition, and subtraction. Use the blank number lines to provide a concrete representation when introducing fractions, decimals, or negative numbers.

Recommended ages: 6 years and up.

Large Print
1-Ø3Ø12-ØØ $14.ØØ

Braille/Tactile
1-Ø3Ø13-ØØ $27.ØØ

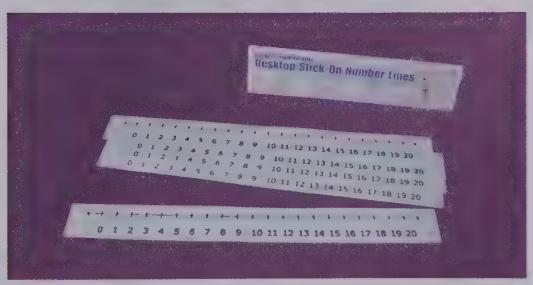


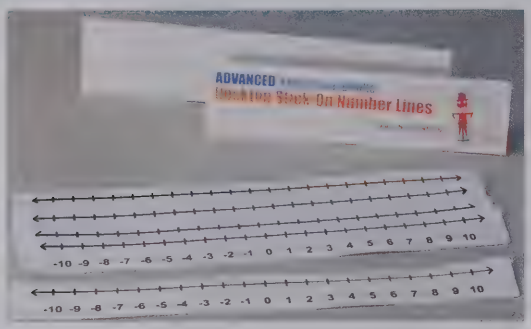
Desktop Stick-On Number Lines

Visually and/or tactually demonstrate basic number concepts. Number Lines are reusable up to five times. The adhesive will not permanently stick to surfaces. Sold in (5-pk).

Recommended ages: 6 years and up.

Large Print/Braille
1-Ø3481-ØØ $22.ØØ



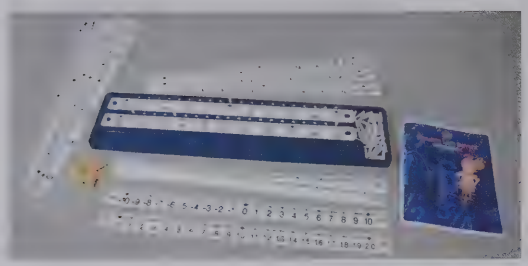


Advanced Desktop Stick-On Number Lines

Visually and/or tactually demonstrate the basic concepts of negative numbers: counting, sequencing, number relationships, addition, and subtraction. Supports Common Core State Standards, Number Sense, Grades 6 & 7.

Recommended ages: 11 years and up.

Large Print/Braille (5-pk)
1-03482-00 $30.00



Number Line Device

The number line is a basic tool for teaching number concepts, number sequence, counting, addition, subtraction, multiplication, division, rounding, estimating whole numbers, common fractions, and decimals.

Recommended ages: 5 years and up

1-03480-01 $194.00



Analog Clock Model

Helps teach time-telling concepts. Has braille and raised large print markings, and hands that are easily rotated. Model has no motor.

Recommended ages: 6 to 10 years.

1-03125-00 $7.00



Clock Face Sheets In Braille

Each sheet contains four embossed braille clock faces. Clock hands can be added to these blank clock faces. Embossed on 11 1/2 x 11 inch manila transcribing paper, (25-pk), 3-hole punched.

Recommended ages: 6 to 10 years.

1-03111-00 $16.00

Geometro Sets



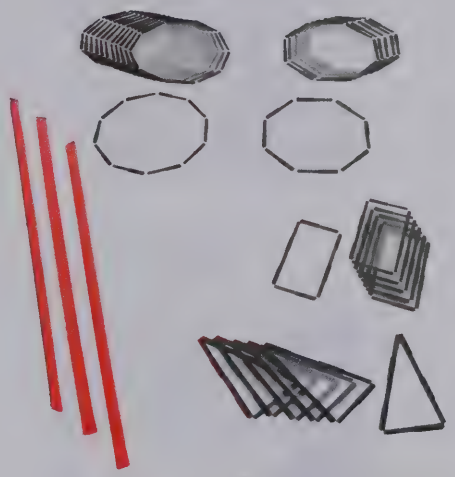
Provides hands-on experience with manipulatives that aid in teaching 3-D geometry. Geometro pieces use hook-and-loop material to adhere to each other and are easy to handle, sturdy, and safe.

Mini Set
1-03022-00 $102.00

Large Set
1-03024-00 $285.00

Medium Set
1-03023-00 $133.00

Geometro Shapes



Optional sets can be purchased in addition to the Geometro kits. These shapes can be combined with the main Geometro kits to create additional 3-D solids.

Decagons (12-pk)
1-03025-00 $206.00

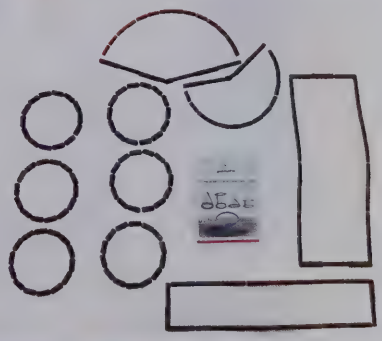
Rectangles (6-pk)
1-03028-00 $39.00

Octagons (6-pk)
1-03026-00 $109.00

Isosceles Triangles (6-pk)
1-03029-00 $33.00

Hook Material Rods (3-pk)
1-03027-00 $32.00

Geometro Cylinder and Cone



These materials provide students with flat plastic shapes (six circles, two rectangles, and two circle sectors) that can be readily joined to form two cylinders and two cones.

1-03030-00 $119.00

Student Workbook Kit for Geometro



This Kit is designed for students in the elementary grades, and revolves around three kinds of 3-D and 2-D tasks. To learn more about Geometro, visit: **geometro.net**

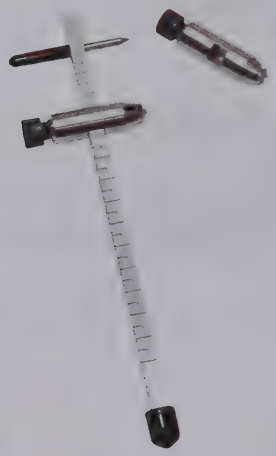
1-03021-00 $330.00



Textured Sorting Circles and Shapes

These assorted shapes are provided in a variety of textures, sizes, and colors. The accompanying sorting circles are also provided in a variety of colors and textures, and can be used to create Venn diagrams.

1-08834-00 $144.00

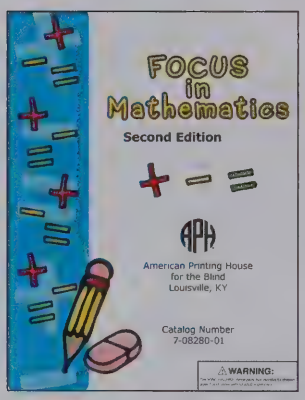


Tactile Compass for Math and Art

This assistive tool enables students to draw tactile circles up to 6 inches in diameter and includes tactile markings in inches and centimeters. Includes two different spur wheels to draw both single-line and double-line circles. Used in combination with braille paper or plastic film and a rubber mat (not included with this product).

Recommended ages: 7 years and up.

1-08894-00 $53.00



FOCUS in Mathematics Kit, Second Edition

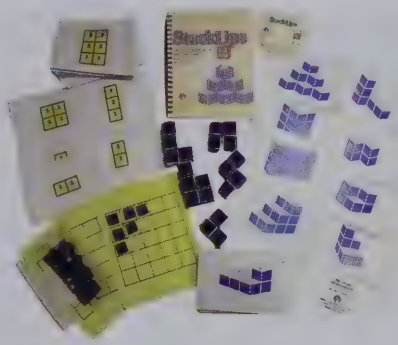
Objectives are aligned to National Council of Teachers of Mathematics Curriculum Focal Points.

Materials include hundreds of manipulative items, designed to be easily handled and offer tactile and visual contrast. Teacher materials include a Teacher's Guide, reusable student worksheets, and printable assessment checklists included.

Recommended grades: Pre-K to 1st.

1-08280-01 $727.00

StackUps: Spatial Reasoning Using Cubes and Isometric Drawings PARTS

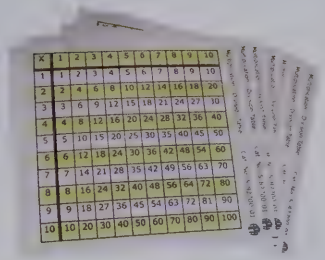


Encourages students using 2-D and 3-D shapes to: recognize, name, build, draw, compare, and sort; describe attributes and parts, and; investigate and predict the results of putting together and taking apart.

Recommended ages: 10 years and up.

1-08960-00 $338.00

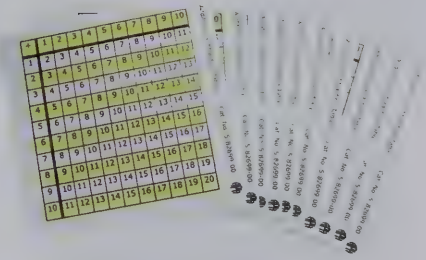
Addition and Subtraction Table (Nemeth)



Large print/braille tool designed to reinforce the basic addition and subtraction facts. Includes 10 printed/embossed charts and a print guidebook.

5-82699-00 $32.00

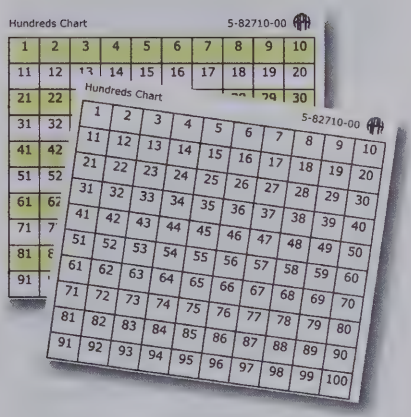
Multiplication and Division Table Kit (Nemeth) PARTS



The chart is printed/embossed on white index stock and is 3-hole punched. Alternating rows are highlighted to help low vision students easily track numbers. Includes 10 charts (grids) and a print guidebook.

5-82700-01 $19.50

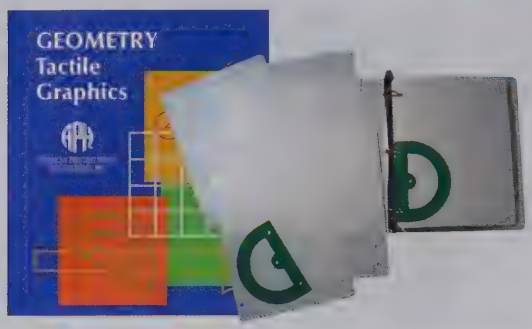
Consumable Hundreds Chart



This graphic organizer for the numbers 1–100 helps learners develop the skills they need to become flexible and fluent problem solvers and meet the requirements of many state standards as well as the Common Core State Standards.

The chart is printed/embossed on white index stock paper. Alternating rows are highlighted to help students with low vision easily track numbers. Includes 10 charts (5 with highlighting and 5 without highlighting) and a large print guidebook.

5-82710-00 $10.00

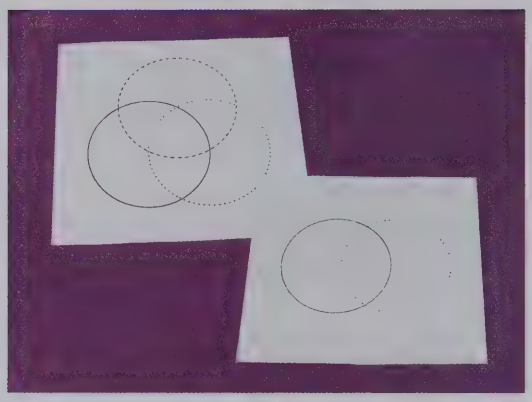


Geometry Tactile Graphics Kit

Set of thermoformed raised-line drawings depicting geometry concepts, figures, and relationships. Graphics are larger and easier for students to measure than those in braille textbooks.

Recommended ages: 12 years and up.

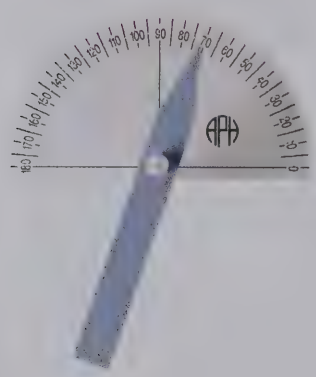
1-08841-00 $127.00



Venn Diagram Template Kit

A Venn diagram or set diagram shows all possible logical relations between a finite collection of sets. Kit includes 15 sheets with two-circle diagrams and 15 sheets with three-circle diagrams, sized to allow for braille labeling in all sections and in the outer margins. The outlines of the circles are made in contrasting line styles so they are easily distinguishable, both visually and tactually. These heavy, consumable sheets may be tooled directly or used in a braillewriter. Includes a total of 30 sheets, measuring 11.5 x 11 inches.

1-04095-00 $31.00

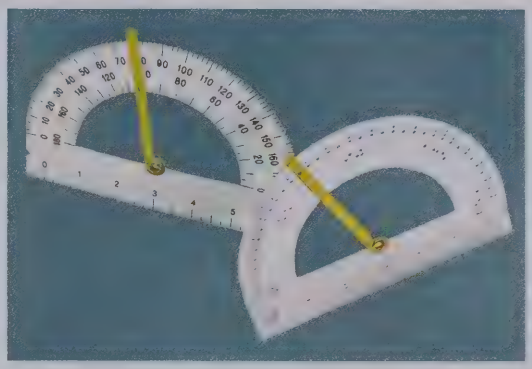


Braille/Large Print Protractor

Bold large print numbers and raised dots mark the 180 degrees of this protractor, with markings every 5 degrees. The lines are bold and the type is 18 point. This protractor features a pivoting wand. When aligned with a certain degree measurement, the corresponding angle is created by the wand and the bottom edge of the protractor.

1-04115-00 $23.00

Large Print and Tactile Protractors

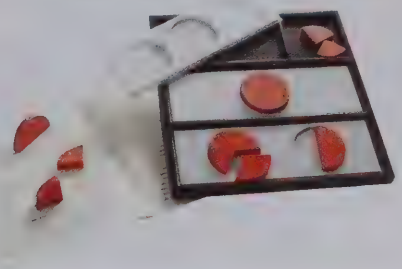


Students can use the same convenient measuring tools in both classroom and assessment situations. Both protractors are made of lightweight, clear plastic and feature a movable, transparent yellow wand. Notches on bottom left and right allow for pinning to a surface.

Large Print (4-pk)
1-04116-00 $39.00

Tactile (4-pk)
1-04117-00 $43.00

Fractional Parts of Wholes Set PARTS

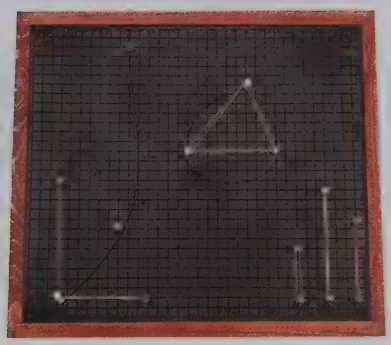


Tactile circles introduce the concepts of wholes, halves, thirds, and fourths. This set contains one work tray with three form boards and 3-inch diameter circles, one whole and the others cut into halves, thirds, and fourths.

Recommended ages: 5 years and up.

1-03290-00 $64.00

Graphic Aid for Mathematics

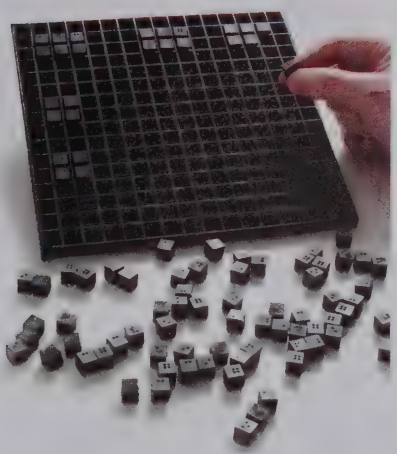


Construct geometric and other figures and graphs related to arithmetic, algebra, geometry, trigonometry, and calculus. Consists of a cork board mounted with a rubber mat embossed with a 34 x 30 grid of 1/2 inch squares. Included are three flat spring wires, 14 push pins, and rubber bands.

Recommended ages: 8 years and up.

1-00460-01 $221.00

Brannan Cubarithm Slate and Cubes

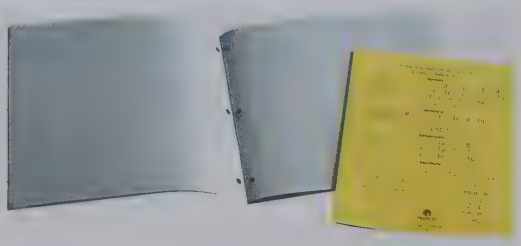


Young students may find it easier to use this device rather than a brailler to align mathematical problems. A rubber frame with a 16 x 16 grid pattern of nests will hold small plastic cubes numbered 0 through 9 in braille (no print). Frame and cubes are sold separately.

Recommended ages: 6 years and up.

Cubarithm Slate
1-00320-00 $26.00

Plastic Cubes Set of 100
1-00330-00 $42.00



Nemeth Code Reference Sheet for Basic Mathematics

Listing of common symbols from the Nemeth Braille Code for Mathematics.

Print
7-87500-00 $15.00

Braille
5-87400-00 $15.00



Quick Pick Math

This math game consists of a plastic packet with 50 large print/braille cards. To play, the student inserts the included tool in one of four holes in the front of the plastic packet. If the answer is correct, the card will slide out. If the answer is incorrect, the card will not pull out. Transcribed in Nemeth Braille.

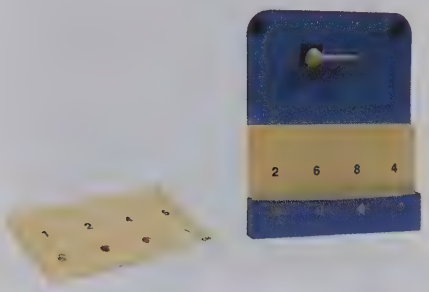
Recommended ages: 5 years and up.

Addition
1-03570-00 $59.00

Subtraction
1-03571-00 $55.00

Multiplication
1-03572-00 $60.00

Division
1-03573-00 $60.00



Quick Pick Counting

A game designed to help young children learn to count to 12 with raised-line symbols and braille numbers.

Recommended ages: 4 years and up.

1-03574-00 $50.00

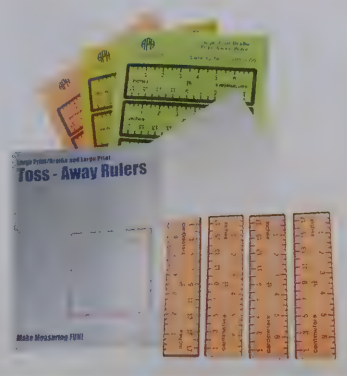


Quick Pick Cards Set, Blank

Includes 50 blank game cards that can be used with the Quick Pick Game series.

1-03577-00 $7.00

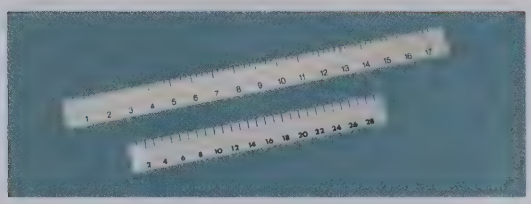
Large Print/Braille Toss-Away Ruler



This ruler, with markings in both large print and braille, is designed for the classroom or testing and assessment situations where an inexpensive measuring device is needed. Seven-inch rulers marked with centimeters and inches are printed/embossed on assorted bright colors of heavy paper with high contrast numbers.

Rulers (24-pk)
1-03010-00 $21.00

Flexible Rulers (Braille/Large Print)



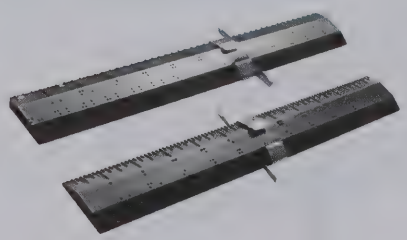
These flexible rulers allow tactual and visual measurement of flat or curved surfaces.

Recommended ages: 5 years and up.

18-Inch (5-pk)
1-03050-00 $10.00

30-Centimeter (5-pk)
1-03031-00 $9.00

1-Foot Braille Rulers



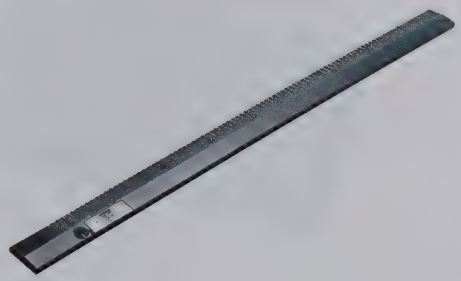
Plastic rulers taper on the edge. A metal caliper slide to aid in accuracy is included. Offered in Metric-English and English.

Recommended ages: 5 years and up.

Metric-English Measurement Ruler
1-03100-00 $12.00

English Measurement Ruler
1-03070-00 $10.00

Meterstick (Braille)

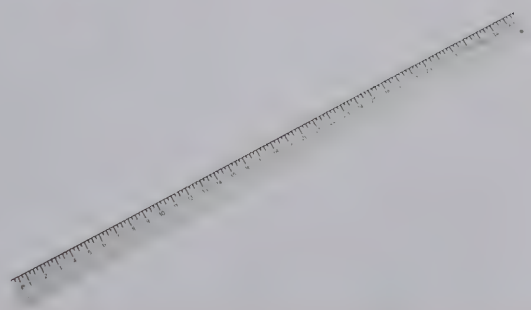


Plastic, drilled for hanging, with raised lines every centimeter, and braille every other centimeter; thick raised lines for decimeters.

Recommended ages: 5 years and up.

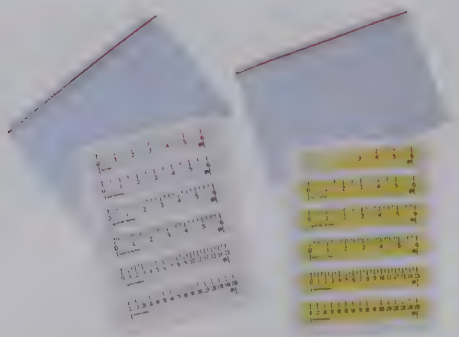
1-03000-00 $25.00

Braille/Large Print Yardstick



Made of durable white plastic, drilled for hanging. Has raised-line markings along one edge in 1/4 inch increments, with braille marking every inch. Black large print markings are along the opposite edge in 1/4 inch increments.

1-03002-00 $21.00

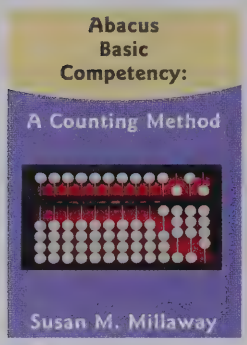


Transparent CCTV Rulers

These flexible, see-through vinyl rulers make it easier to measure items magnified by a CCTV (closed-circuit television). Each includes a set of 6 rulers.

Yellow
1-03008-00 $12.00

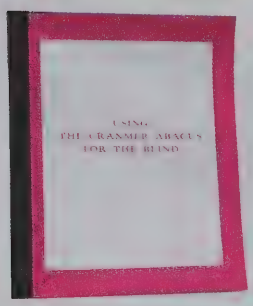
Clear
1-03009-00 $12.00



Abacus Basic Competency: a Counting Method

Teaches abacus skills in the four basic math operations. This abacus instructional system uses the Counting Method instead of the traditional indirect method.

Large Print
7-00219-00 $10.00



Using the Cranmer Abacus for the Blind

This manual instructs users who are blind and visually impaired in the use of the Cranmer Abacus. Gives instructions on how to add, subtract, multiply, divide, extract roots, compute decimals and fractions, and use the abacus as a calendar. Practice exercises are included.

Note: APH does not carry this publication in inventory for immediate delivery – when you order it, we will produce it for you as a special order; therefore, allow several weeks for delivery.

Large Print
4-27110-00 $109.00

Braille
6-50100-00 $45.00

APH Offers Three Abacuses to Address a Variety of Needs

Each abacus consists of a black frame with white beads that slide against a red felt backing. The red felt background provides a good visual contrast and prevents beads from slipping.

Expanded Beginner's Abacus Kit PARTS

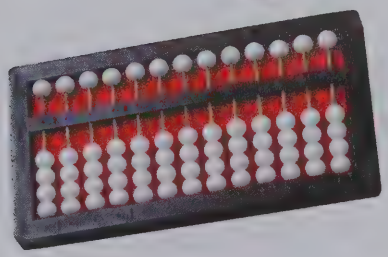


This abacus lends itself to preparing a young student for the Cranmer Abacus. The simple design allows for enhanced readability for "little fingers." Includes print guidebook. Measures 5.37 x 3.25 x Ø.75 inches.

Recommended ages: 5 to 7 years.

1-Ø3181-ØØ $45.ØØ

Cranmer Abacus PARTS

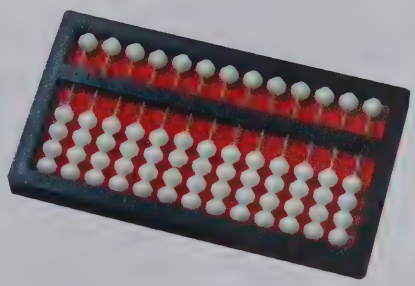


A 13-rod abacus. Frame measures 6 1/8 x 3 1/4 inches. White beads have a diameter of 3/8 inch. Red felt backing prevents beads from slipping.

Recommended ages: 5 years and up.

1-Ø315Ø-ØØ $36.ØØ

Large Abacus



Young students and those without fine motor skills can benefit from this large 13-rod abacus. Beads are 1/2 inch in diameter.

Recommended ages: 5 years and up.

1-Ø317Ø-ØØ $49.ØØ

Science and Health



Adapted Science Materials Kit 75

Azer's Interactive Periodic Table Study Set and Guidebook 74

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Build-A-Cell N ⚠

The fundamental characteristics of, and differences between, various cell types have been known for a long time and are discussed in almost all biology textbooks. While all cells share certain structural parts, cells of different evolutionary origins have components that set them apart from each other. Build-A-Cell helps students who are blind and visually impaired understand these concepts by providing a full-color, tactile, and interactive representation of the internal and external structures of bacterial, animal, and plant cells.

Quota

1-Ø8974-ØØ $192.ØØ





Important Icon Legend

CVI CVI Icon

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠ Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

UEB UEB Icon

Products with this icon are transcribed in Unified English Braille (UEB).

N New Product

R Revised Product

PARTS Replacement and Optional Parts Available Icon

Products with available replacement parts are marked with this icon. Refer to the Parts Catalog on our website: aph.org/aph-catalogs.

Downloadable Manuals

Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit **www.aph.org/manuals-downloads/** to download an accessible manual. If you cannot find what you are looking for, go to the product's page in the download section for legacy files.

YouTube

Product videos available on APH's YouTube page.



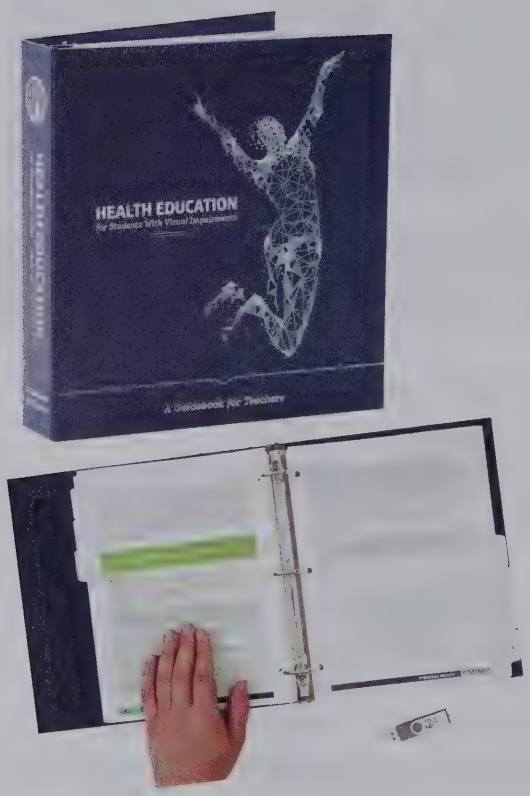
Azer's Interactive Periodic Table Study Set (Nemeth)

This interactive periodic table study set is designed to make learning about the Periodic Table of the Elements accessible to students with visual impairments and blindness.

The tangible materials included with this study set complement APH's Periodic Table of the Elements Reference Chart and allow students to enhance their understanding of concepts consistent with the National Science Standards.

Note: The braille guidebook is sold separately. Some assembly required – the customer affixes a single round loop fastener to the back of each element piece and accessory before using with the provided tri-fold board.

1-Ø8856-Ø1 $476.ØØ



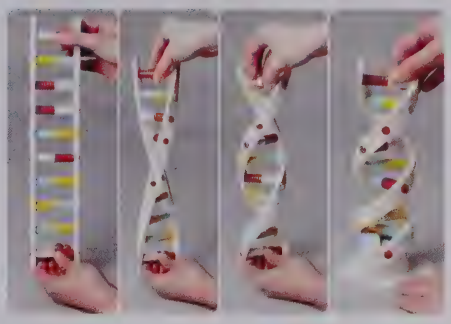
Health Education for Students with Visual Impairments: A Guidebook for Teachers

APH developed this guidebook specifically for teachers who provide instruction to students with visual impairments, ages 5 through 21. This guidebook does not provide a comprehensive curriculum that covers all areas of health education; rather, it provides ways to make specific aspects of health education accessible to students with visual impairments.

Note: This guidebook is intended for teachers only. APH does not recommend that any student read this guidebook or view the accompanying videos.

1-Ø8Ø54-ØØ $75.ØØ

DNA Twist



Demonstrates the 3-dimensional structure of the DNA molecule. Shipped flat and easily twists to form the familiar double-helix configuration. The included stand holds the model in its twisted shape. A large print instruction booklet provides information about DNA and educational resources.

1-Ø8978-ØØ $49.ØØ

DNA-RNA Kit



Learn about and demonstrate the formation of single and double strands of DNA, DNA replication, and transcription of DNA to messenger RNA with this accessible kit. Kit includes interlocking DNA and RNA nucleotides and a large print guidebook for students and teachers.

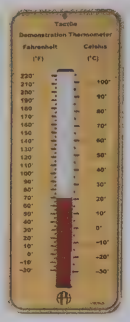
1-Ø8979-ØØ $118.ØØ

Adapted Science Materials Kit



Designed for K-12 students, this kit includes many items originally devised by educators at the Lawrence Hall of Science in Berkeley, California, and enables students with visual impairments to participate in science lessons and experiments alongside their sighted peers. All items fit in the APH Innovations Tote Bag.

1-Ø8997-ØØ $259.ØØ



Tactile Demonstration Thermometer

Allows students to independently read, set, and compare temperatures. Has a two-textured, two-colored adjustable mercury column with an easy-grip tactile indicator and comparable Fahrenheit and Celsius scales presented in both large print and braille.

Recommended ages: 6 years and up.

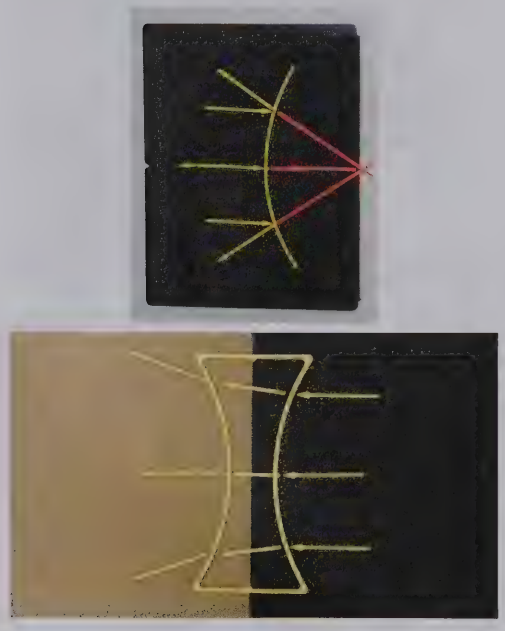
1-03020-00 $121.00



Protein Synthesis Kit

This Kit is an accessible, interactive model that expands on the molecular biology concepts introduced by the DNA-RNA Kit. The Protein Synthesis Kit includes jigsaw puzzle-like pieces representing transfer RNA nucleotides, Stop and Start subunits, all twenty amino acids, and the APH Genetic Code Large Print Braille. A guidebook with instructions is also included.

1-08975-00 $262.00



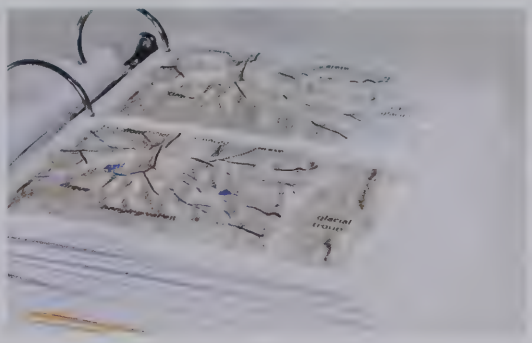
Light In-Sight: Reflection & Refraction Kit

This Kit enables science and physics students who are visually impaired to construct ray diagrams related to light reflection and refraction. Unlike other tactile graphics, which are often static, diagrams constructed using this product are malleable, making the teaching and learning process interactive and dynamic.

Recommended ages: 12 years and up.

1-08286-00 $174.00

Earth Science Tactile Graphics



Learn about glaciers, volcanoes, tectonic plate boundaries, the water cycle, and much more with Earth Science Tactile Graphics, a reference volume intended to supplement the graphics in a student's classroom textbook.

The graphics are rendered in full-color with several types of lines and textures, in addition to differing heights. Diagrams are labeled in print and braille, and teachers can add to, or change, the labels with self-adhesive braille label material.

1-03131-00 $449.00

Basic Science Tactile Graphics

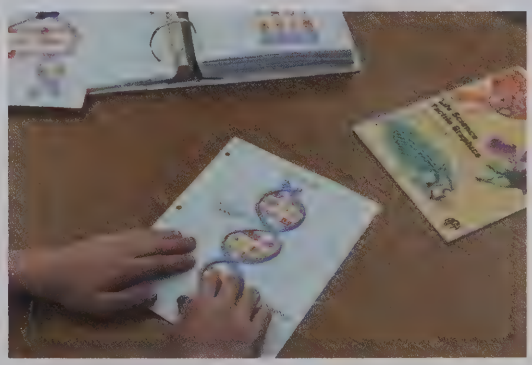


Basic Science Tactile Graphics are vacuum-formed, raised-line drawings depicting objects, concepts, and relationships that are covered in nearly all elementary science textbooks.

They are intended to supplement, not replace, the graphics in a student's adapted textbook. Instructional hints and suggestions are given for each tactile drawing. Includes 52 graphics.

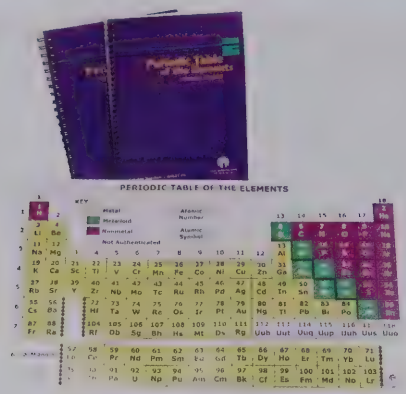
1-08850-00 $135.00

Life Science Tactile Graphics



Vacuum-formed, full-color, raised-line tactile graphics intended to supplement the figures and diagrams in life science textbooks. Life Science Tactile Graphics depict organisms, processes, concepts, and patterns which are typically covered in middle and high school life science courses. Includes 56 graphics. Braille Teacher's Guide available as a free download.

1-08840-00 $375.00



Periodic Table of the Elements Reference Chart and Booklet PARTS

This reference table is a durable and colorful print/braille chart. It comes with a reference booklet in print or in braille (you choose the format) that contains additional tables listing the elements. Measures 22 1/2 x 13 inches.

Reference Chart w/Booklet in Print
7-08855-00 $44.00

Reference Chart w/Booklet in Braille
5-08855-00 $53.00

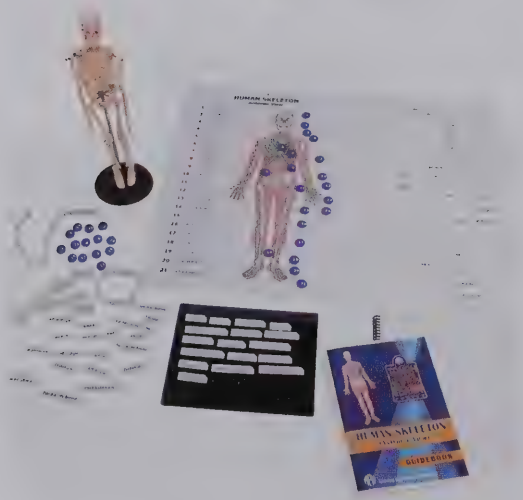


Basic Tactile Anatomy Atlas PARTS

This two-volume set of thermoformed tactile graphics gives a comprehensive overview of the human body. Each tactual diagram has braille and print labels with a brief braille description. A print version of the brailled text is included.

Recommended ages: 12 years and up.

1-08845-00 $266.00



Touch, Label, and Learn Poster: Human Skeleton (Anterior View) UEB PARTS

This kit provides an interactive presentation for reviewing the names, locations, and relationships of human skeletal bones. Poster has a dual tactile/color design.

Recommended ages: 8 years and up.

1-08976-00 $158.00

Sense of Science Series

Sense of Science is a hands-on, multi-sensory series designed to make the world of science accessible, understandable, and enjoyable.

The main component in each Sense of Science kit is a set of colorful, raised-line overlays designed to be used with a light box, or as stand-alone items. An accompanying large print guidebook (braille edition available separately) suggests activities using the overlays and supplemental teacher-provided materials to enhance and extend the learning experience. Each kit comes with two work trays and a variety of visual tactile overlays.



Sense of Science: Plants PARTS

A unique science series for students with visual impairments and other students who may benefit from a multi-sensory approach to learning.

Recommended ages: 5 to 10 years.

1-08980-00 $363.00



Sense of Science: Animals PARTS

Activities incorporate a step-by-step procedure, an extended activity, a visual adaptation, math and language connections, and a science tidbit.

Recommended ages: 5 to 10 years.

1-08990-00 $562.00



Sense of Science: Astronomy PARTS

This set of materials is appropriate for a broader range of ages and grade levels of students with visual impairments and blindness. Activities are complemented by the included visual/tactile overlays and fold-out 2-D displays.

Recommended ages: 8 years and up.

1-08991-00 $379.00

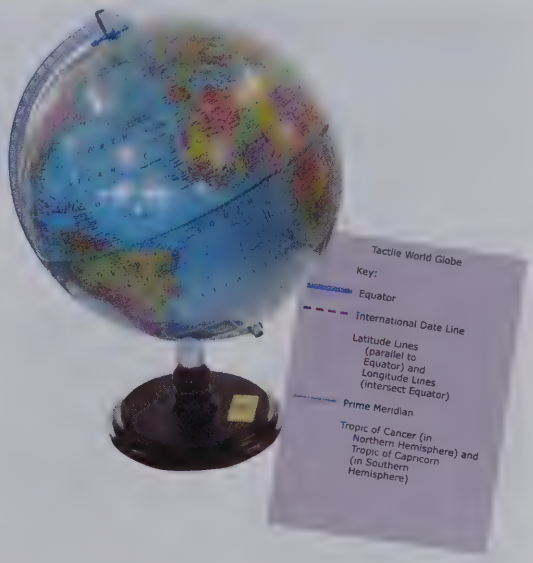


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U.S. Puzzle Map 82
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Tactile World Globe



Offers more tactile and braille information than provided by previous APH tactile globes. A clear plastic overlay covers a standard 12-inch political globe with a non-skid wood base.

Includes

- Raised topographical and area, with all continents labeled in braille
- Major oceans labeled in braille
- Raised latitude and longitude lines labeled in braille (as space accommodates)
- Discernible, contrasting raised lines for the Equator, International Date Line, Prime Meridian, Tropic of Cancer, and Tropic of Capricorn

Recommended ages: 10 years and up.

1-01551-01 $139.00

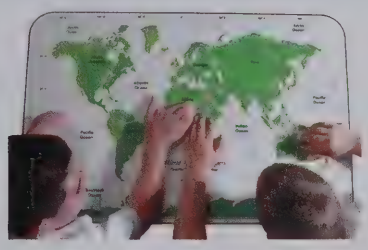
World Maps



Thermoformed on durable 11.5 x 11 inch vinyl, these tactile maps are a comprehensive aid to geographic instruction and orientation. With tactile maps of all the continents, regions, and countries of the world, these maps use clear variations in height and texture. Labeled in braille, the facing pages have key information in braille and large print.

5-06001-00 $165.00

World at Your Fingers



This large tactile reference map shows the major oceans and land masses using high-contrast raised surfaces, braille and print labels, and textured lines and areas. It also shows major mountain ranges, rivers, and lines of longitude and latitude.

1-01190-00 $115.00



U.S. & Canada Tactile/Print Atlas

The U.S. & Canada Tactile/Print Atlas is a reference volume of thematic maps for use in geography, history, or social studies classes, or for general informational use outside the classroom.

Recommended ages: 11 years and up.

1-01920-00 $161.00



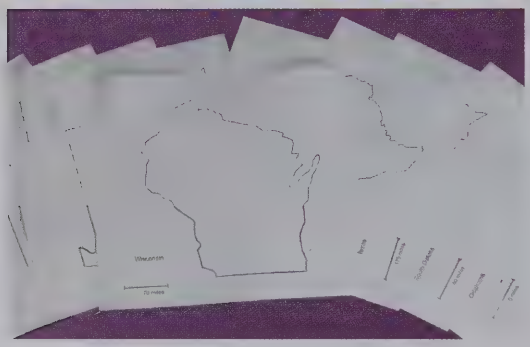
U.S. Puzzle Map

PARTS

This take-apart topographical map of the United States measures 32 1/2 x 18 inches and has many features to help make learning fun for all students.

Recommended ages: 7 years and up.

1-01140-00 $418.00



State Maps Collection

The State Maps Collection is a set of embossed and printed outline maps for the central region of the United States. Add to the images with tracing wheel lines, craft ink, glued-on textures, etc. Add braille labels as needed.

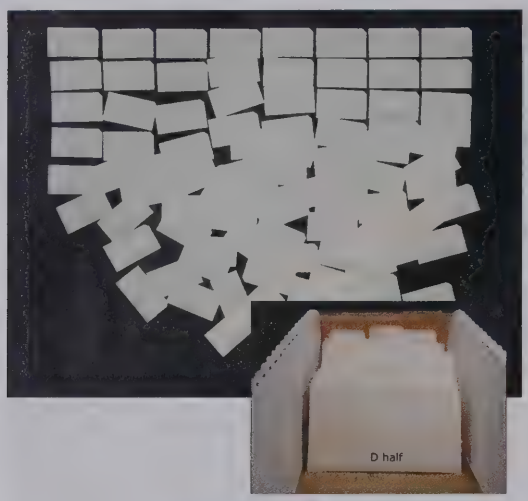
Central Region
1-04112-00 $45.00



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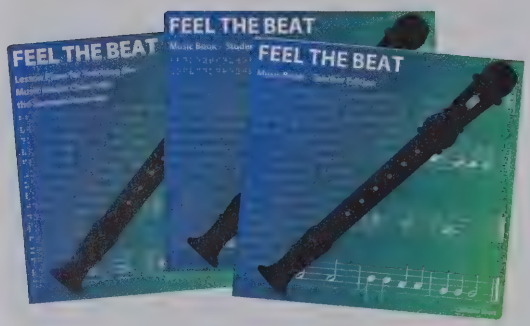
Music Braille Flash Cards N

Students who are blind and visually impaired can quickly and easily review the Music Braille code with these handy flash cards! Each card features a music term in large print and UEB braille on one side and the music braille symbol for the word on the opposite side.

Note: These cards can be used as a supplement or reinforcement to the lessons taught in the Feel the Beat curriculum (5-41100-00).

Quota

5-36500-00 $40.00



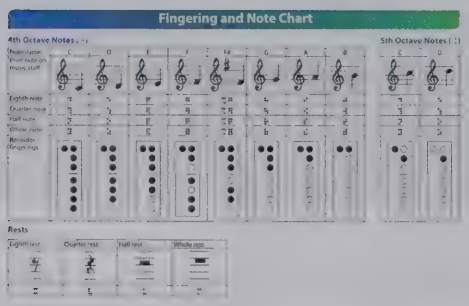
Feel The Beat

The ability to "play music by ear" is an asset, but is only one part of playing music.

As part of braille literacy, braille readers should be introduced to braille music at the same time that sighted peers begin reading music in print (usually around third or fourth grade).

The lessons in this curriculum teach the Music Braille Code, and focus on reading, playing, and memorizing measures through the use of a soprano recorder.

5-41100-00 $66.00



Paint-by-Number Safari

Learn about art, nature, and colors with the Paint-by-Number Safari™ coloring series! Each Paint-by-Number set includes 10 raised-line drawings of real-world subjects that are printed and embossed on heavy paper, with fun facts in both print and braille, and a color guide. Wide, solid, embossed lines identify the creature while thin embossed lines denote color separation on the creature's body. Dashed lines identify background images and solid, raised areas identify parts of the images that are too small to fill with color. Each image includes fun facts about that creature's life, including size, diet, predators, and environment, along with specific color code for that creature.

Recommended ages: 6 years and up.



Tropical Rainforest UEB

Tropical Rainforest is the first book in the Paint-by-Number Safari Series. Students will enjoy painting or coloring creatures that live in the Tropical Rainforest including a butterfly, capybara, chameleon, frilled lizard, hummingbird, sloth, snake, toucan, tree frog, and uakari.

1-03934-00 $33.00



Under the Sea UEB

Take a deep dive Under the Sea while coloring or painting images of a clownfish, crab, dolphin, jellyfish, octopus, sea turtle, seahorse, seal, shark, and stingray.

1-03936-00 $39.00



Backyard Creatures UEB

Learn about the colors and creatures found in the backyard. This set contains images of a bat, luna caterpillar/moth, deer, ladybug, rabbit, raccoon, skunk, squirrel, turkey, and woodpecker.

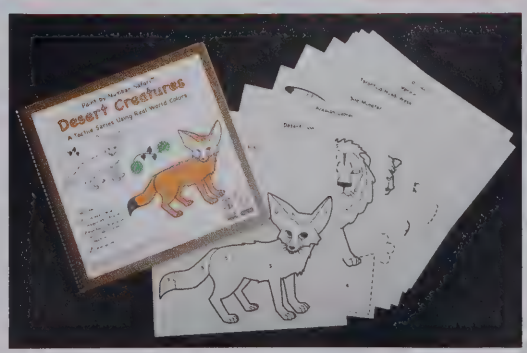
1-03938-00 $32.00



Desert Creatures N

In the fourth edition of Paint-by-Number Safari, learn the warm colors of the desert and how creatures survive with very little water. This set includes big horn sheep, camel, tortoise, fennec fox, gila monster, lion, king penguin, roadrunner, tarantula hawk wasp, and verdin.

1-03939-00 $32.00





Paint Pot Palette: Creating Art Through Touch

Includes a set of custom-made, whimsical drawings by San Francisco artist Debi Harrison titled Color SENSEation. The pictures are printed and embossed on heavy paper; each picture is titled in print and braille. The embossed lines make it easy to trace the subjects with the fingers and then follow with a crayon or paint brush. Also includes a palette (designed and molded to hold art supplies in place), 4 paint pots, 4 brushes (2 round, 2 flat), water cup, 9 braille tiles, watercolor paint (1 tube each of red, blue, yellow, black, and white), and a stir stick.

Paint Pot Palette is a collaboration between PlayAbility Toys and APH. Replacement parts are available from PlayAbility Toys, **PlayAbilityToys.com**

1-Ø3933-ØØ $44.ØØ



Braille Beads: APH Starter Kit

These small, plastic rectangular beads have braille on one side and incised print letters on the other. Kit also includes fun image beads. Braille Beads measure 1Ømm tall x 8mm wide x 5mm deep (braille height is Ø.52mm). Kit includes the LP and braille Bejeweled With Braille guidebook.

Recommended ages: 5 years and up.

1-Ø8879-ØØ $229.ØØ



Code Jumper 88
CodeQuest N 88
RC Snap Rover Access Kit N 89
Snap Circuits Jr. 89
Snapino: Access Kit N 89

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UEB Math Tutorial 61



Code Jumper

Originally designed by Microsoft® and developed by APH, this fun and engaging product is designed to teach students how to write computer code. Code Jumper technology takes block coding off the screen and puts it on the table in front of you, making it accessible to all students. Brightly colored plastic pods with oversized buttons and knobs are connected by "jumper cables" (thick cords) to physically create computer code that can tell stories, make music, and even crack jokes.

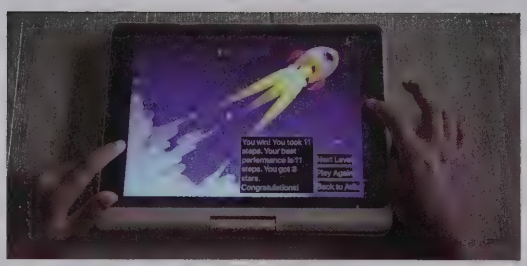
NEW! You can now power Code Jumper from a Chromebook or Android device with the FREE Code Jumper Android App, available now on the Google Play Store. Customers who have a MATT Connect can download the Android App and use it to pair with their Code Jumper. COMING SOON! We are hard at work developing a Code Jumper app for iOS. Stay tuned!

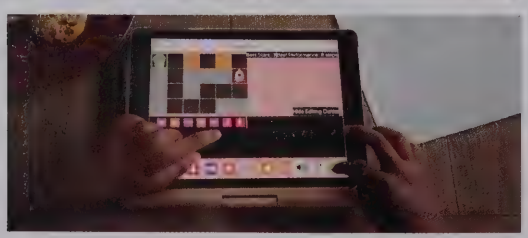
Note: When using the app on an Android device, users will see one thread at a time, and must swipe between the four threads. The app is supported on Chromebooks released 2Ø19 or later.

Curriculum

Code Jumper comes with 19 lessons that cover a variety of topics, from basic concepts like sequences and loops to more complex topics like counters and variables. Each lesson includes resources for teachers, student activities, and tutorial videos. The best part is you don't need a background in coding our computer science to teach Code Jumper. Everything you need to know to teach your students is included.
codejumper.com/lessons.html

1-Ø27ØØ-ØØ $795.ØØ





CodeQuest

CodeQuest® is a FREE, interactive and accessible app for iPad that teaches preschool to early-elementary age players coding, logic, and orientation skills.

In each of the game's thirty levels, players (astronauts) start at row 1, column 1, and must program a route for the astronaut to follow to get back to his spaceship..

Electronic Download **D-3ØØ6Ø-AP** FREE

The following products were developed by APH with generous cooperation and contributions from Elenco®, makers of a wide variety of learning kits. Please visit elenco.com for information about their products and services.

Snap Circuits Jr.



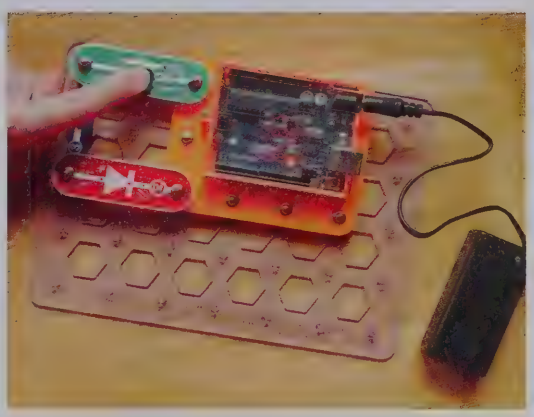
An entry-level product for learning about circuits, current, resistance, switches, motors, and other basic electronics concepts. The Snap Circuits Jr. Access Kit, which is sold exclusively through APH, includes the commercial product and makes it accessible to users who are blind and visually impaired by providing parts labeled in braille, along with written project instructions in braille and large print.

Recommended ages: 8 years and up.

Access Kit
1-03041-00 $107.00

Access Pack
(labels and instructions only)
1-03042-00 $73.00

Snapino: Access Kit N



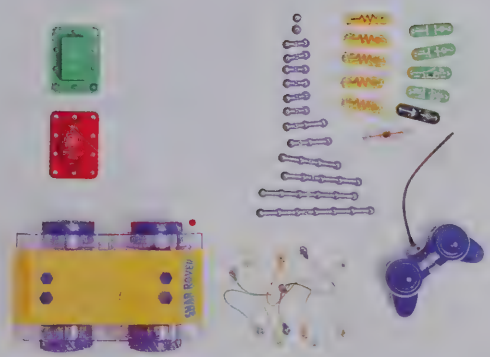
Calling all aspiring programmers! Snapino®, a commercially available product, has been made accessible for students who are blind and visually impaired. Snapino is an introduction to the open-source Arduino® hardware-software coding environment. Use both the Snapino and Snap Circuits® Jr kits together to design larger circuits with speech capabilities.

Note: Please use 9 V type alkaline batteries with this product. Batteries not included. Access the product manual at **tech.aph.org/snapino/**.

Warning: Choking Hazard – Small parts. This toy comes with a cord. Not intended for children under 3 years. Use with adult supervision.

1-03043-00 $53.00

RC Snap Rover Access Kit N



The RC Snap Rover® Access Kit is an innovative tool that provides hands-on electronics education for students. Snap together colorful Snap Circuits® parts to build an RC Snap Rover that can zoom across any surface with the included wireless remote control. Combine the RC Snap Rover with the BRIC: Structures® Access Kit, Snap Circuit Jr® and Snapino® kits to open up endless possibilities of projects.

1-03044-00 $109.00



FoldRite Letter Folding Tool 90

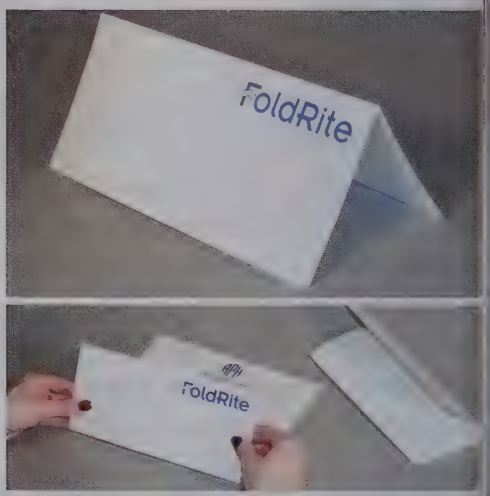
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Learn Keys: Verbal Keyboard Feedback 113
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Money Handling and Budgeting 170

FoldRite: Letter Folding Tool

Made of durable plastic, designed to make folding 8 1/2 x 11 inch paper a snap. Consists of two plastic, hinged plates. Letters can be tri-folded by placing the paper between the plates and folding the FoldRite over twice. Can also be used to create strips of blank braille paper that fit into a business envelope.

1-08009-00 $5.00





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APH Sound Balls

Features dual speakers and volume; two colors/two distinct sounds; two-tone sound, non-toxic/latex-free materials; durable; 7 1/2 inches in diameter.

Boing Boing (Yellow)
1-07510-00 $105.00

Techno Beat (Red)
1-07516-00 $105.00



Rib-It-Balls

These fun balls are easy to grab and have high contrast ribbing. Crinkly fabric in the ribs adds an auditory component. These inflatable, latex-free multicolored balls have been designed in two-color combinations, making them easier for visual orientation, and are available in three sizes.

14-inch red/yellow
1-07513-00 $27.00

18-inch blue/yellow
1-07514-00 $38.00

30-inch black/yellow w/pump
1-07515-00 $85.00



Everybody Plays! How Kids With Visual Impairments Play Sports

A fun storybook that follows an elementary school-age child to a sports camp for children who have visual impairments, blindness, or deafblindness. Readers learn about sports and recreational physical activities that are enjoyed universally.

Large Print
7-13095-00 $74.00

Gross Motor Development Curriculum For Children With Visual Impairment



This three-part book, by authors Pamela Haibach, PhD, and Lauren Lieberman, PhD, addresses the specific skills of children with visual impairments based upon research findings on fundamental motor skills. The curriculum provides teachers and parents with a detailed breakdown of each locomotor skill and object control skill.

7-08400-00 $19.00

Portable Sound Source, Sport Edition PARTS



This lightweight sound source comes with a remote control and carrying strap. Create audio tones that provide directional cues for O&M, sound localization training, or playground games and sports. Braille Guidebook sold separately.

Recommended ages: 6 years and up.

1-03045-00 $246.00

Going Places: Transition Guidelines for Community-Based Physical Activities for Students who Have Visual Impairments, Blindness, or Deafblindness PARTS



This resource guide for teens and young adults promotes independent physical activity.

It outlines a step-by-step process for choosing and participating in sports and other physical activities outside of the school arena. Includes a large print guide.

Video: youtube.com/watch?v=AaBZYEGINKs

7-13090-01 $125.00



30-Love Tennis Kit PARTS

Whether practicing against a wall, playing singles against an opponent, or participating in a round of doubles, tennis is a great sport for practicing sound localization skills and socialization. Includes: 2 blindfolds and 2 rackets; set of 6 sound-adapted tennis balls; and 30-Love: Tennis Guidelines, large print and braille editions.

1-08110-00 $145.00

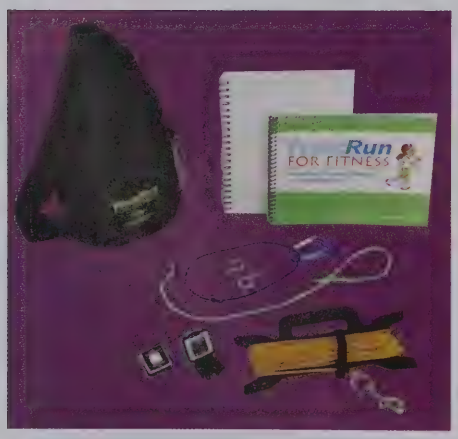


Jump Rope to Fitness Kit

Did you know that 10 minutes of jumping rope can be as effective as 30 minutes of jogging? The APH Jump Rope to Fitness Kit provides individuals who are blind and visually impaired, the tools to jump rope independently, learn specific skills, and set goals.

Recommended ages: 9 years and up.

1-07521-00 $161.00



Walk/Run for Fitness Kit PARTS

This Kit includes a personal guidewire system that can be set up in your backyard, a school, or a park. Includes two talking pedometers. If running or walking with a human guide, you can use the kit's adjustable tether, which is long enough to accommodate wheelchair users. Includes a shoulder sling pack for storage and travel. Guidewire measures 20 meters (21.9 yards).

1-07520-00 $181.00

Communication Modes & Literacy Education



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Quick Pick Braille Contractions UEB



Includes two cases of fifty cards with each case representing a cross-section of braille contractions in UEB braille code. On both sides of the cards, a braille contraction is on the top and four uncontracted answer choices are across the bottom. To play, the player chooses an answer by inserting the wooden tool in one of four holes in the front of the case. If the answer is correct, the card will slide out. If incorrect, the card will not pull out, and the player should try again.

1-03576-01 $110.00

TactileDoodle



Use TactileDoodle and quickly generate tactile, raised-line graphics to convey a variety of concepts or art within the classroom or at home, including:

- Demonstrate a variety of concepts related to science, math, geography, etc.
- Illustrate spatial concepts and simple maps.
- Practice handwriting skills.
- Play interactive games (e.g. tic-tac-toe).
- Complete more open-ended, artistic drawing activities.
- Practice tracing skills (e.g. tracing within a stencil or around a 3D object).
- Provide tactile illustrations during teachable moments.



1-08824-00 $109.00

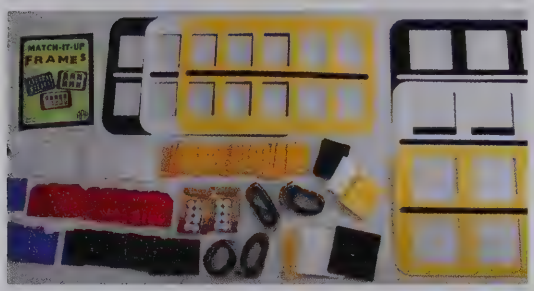


Large Magnetic Dry Erase Board

The Large Magnetic Dry Erase Board can be used as a standalone product to accommodate activities involving magnetic-backed pieces or activities requiring dry-erase markers. The working surface of the board measures 21 3/8 x 13 1/2 inches and is affixed to a blue, rigid vinyl that provides a visual border.

Recommended ages: All.

1-Ø3557-ØØ $41.ØØ



Match-It-Up Frames CVI PARTS

Use these frames in a variety of ways to facilitate learning tasks related to matching, sequencing, patterning, counting, and much more! Large Set and Small Set activities can be custom-designed by teachers and parents to address specific learning needs of students who are blind and visually impaired, as well as those with multiple disabilities.

Recommended ages: 3 years and up.

Small Set
1-Ø8828-ØØ $141.ØØ

Large Set
1-Ø8827-ØØ $219.ØØ

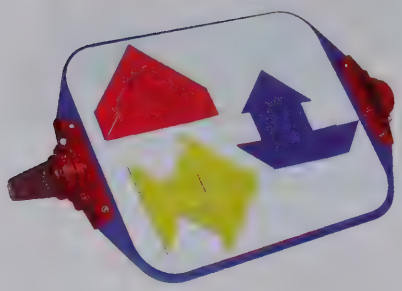


All-In-One Board CVI

This multi-platform, easily-adjustable board from APH can be used in combination with either hook-and-loop accessories or magnetic pieces, as well as with dry-erase markers. Board can be positioned at a variety of angles. For classroom use with students of all ages.

Surface of board is 23 9/16 x 14 inches.

1-Ø8836-ØØ $158.ØØ



All-In-One Board: Student Model CVI

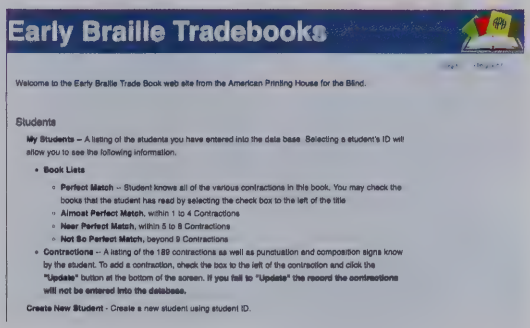
Sometimes called the smAll-In-One Board, this handy, smaller multi-platform, adjustable board can be used in the same way as the All-in-One Board. The smaller size accommodates portability and desktop use by an individual student with visual impairment and blindness. Surface of board measures 13 1/2 x 1Ø 3/4 inches.

1-Ø8833-ØØ $137.ØØ

Early Braille Trade Books

APH's Early Braille Trade Books combine commercially available books with braille labels for beginning readers. These kits include books, braille labels, and access to an interactive website: **ebt.aphtech.org.**

Each kit includes a Quick Start Guide, braille label packs, and storybooks.


Early Braille Tradebooks

Welcome to the Early Braille Trade Book web site from the American Printing House for the Blind.

Students

My Students -- A listing of the students you have entered into the data base. Selecting a student's ID will allow you to see the following information.

- **Book Lists**
 - **Perfect Match** -- Student knows all of the various contractions in this book. You may check the books that the student has read by selecting the check box to the left of the title
 - **Almost Perfect Match**, within 1 to 4 Contractions
 - **Near Perfect Match**, within 5 to 8 Contractions
 - **Not So Perfect Match**, beyond 9 Contractions
- **Contractions** -- A listing of the 189 contractions as well as punctuation and composition signs know by the student. To add a contraction, check the box to the left of the contraction and click the **"Update"** button at the bottom of the screen. **If you fail to "Update" the record the contractions will not be entered into the database.**

Create New Student - Create a new student using student ID.

Features & Benefits

- Includes contracted or uncontracted braille labels.
- Packaged by Developmental Reading Assessment (DRA) and Fountas and Pinnell Reading Levels.
- Match books to each student based on his or her braille knowledge.
- Search for books by genre, core curriculum, and/or expanded core curriculum.
- Included interactive website allows you to:
 - access a book summary and activities designed for braille readers.
 - share or transfer student records to other teachers.
 - maintain a listing and percentage of contractions learned by each student – great for documentation at IEP meetings.
 - find books to use in conjunction with APH's Building on Patterns (BOP) series.



Rigby PM Platinum Kits UEB

Kit 1

Braille, Fiction, Level 3-C

- Baby Lamb's First Drink
- The Baby Owls
- Hedgehog is Hungry
- The Lazy Pig
- Tiger, Tiger

Contracted
3-00301-00 $109.00

Uncontracted
3-00302-00 $109.00



Kit 2

Braille, Fiction, Level 3-C

- The Big Kick
- The Bumper Cars
- The Little Snowman
- The Merry-go-round
- Wake up, Dad

Contracted
3-00303-00 $93.00

Uncontracted
3-00304-00 $99.00



Kit 3

Braille, Fiction, Level 4-D

- Ben's Teddy Bear
- Ben's Treasure Hunt
- Father Bear Goes Fishing
- Hide and Seek
- Tom is Brave
- Where is Hannah?

Contracted
3-00305-00 $110.00

Uncontracted
3-00306-00 $129.00

Recommended grades: Kindergarten and up.

Rigby Nonfiction Kits UEB

Kit 1
Braille, Nonfiction, Level 4-D

- Animals on My Street
- Frogs in the Pond
- My Big Tree
- Our Dog
- Our Pets
- Puddles

Contracted
3-00401-00 $131.00

Uncontracted
3-00402-00 $131.00

Kit 2
Braille, Nonfiction, Level 6-8-E

- Animal Bodies
- Animals on Our Farm
- Mothers and Babies
- Our Fish

Contracted
3-00403-00 $92.00

Uncontracted
3-00404-00 $92.00

Kit 3
Braille, Nonfiction, Level 10-F

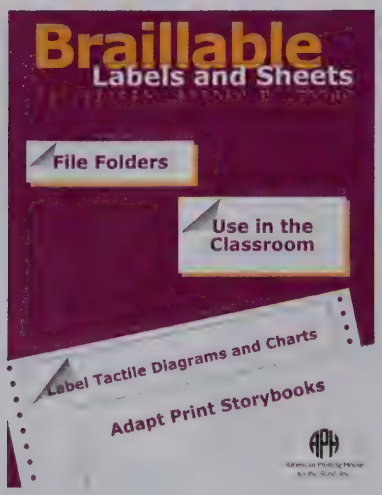
- Hot sunny days
- Rain is water
- The sun, the wind, and the rain
- Where did all the water go?

Contracted
3-00405-00 $99.00

Uncontracted
3-00406-00 $81.00

Recommended grades: One and up.





Braillable Labels and Sheets

These clear, blank, self-adhesive labels can be brailled and used on items around home, school, and office.

The pre-cut, peel-off Large and Small labels accommodate braille lines up to 15 cells wide, with four lines on the large and two on the small labels. Full-Size and Pin-Fed Sheets offer more room for brailling and can be cut to size. A printed SimBraille® sheet is included to assist in determining size and placement.

Assorted Pack
(5 small, 5 large, 10 full-size, and 30 pin-fed sheets)
1-08871-00 $50.00

Small Label Pack
(3.87 x 0.95) 10 sheets, 18 labels per sheet
1-08872-00 $9.00

Large Label Pack
(3.87 x 1.75) 10 sheets, 10 labels per sheet
1-08873-00 $13.00

Full-Size Labels
(8.5 x 11) 15 sheets
1-08874-00 $18.00

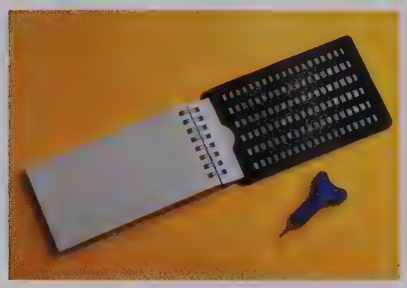
Pin-Fed Labels
(8.5 x 11)
30 continuous sheets
1-08875-00 $38.00

Pin-Fed Labels
(7 x 2.4) 102 labels on a continuous sheet
Not included in Assorted Label Package.
1-08895-00 $16.00

Braille Slates, Styluses, and Erasers

All slates include a stylus. Stylus Key: L = Large Handle, S = Saddle, F = Flat

Recommended ages: 6 years and up.



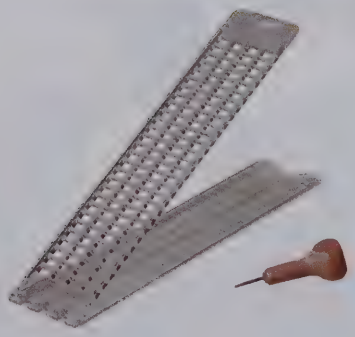
Braille Slates

Janus Interline
9 Cell, 11 Lines,
Plastic (S),
5 1/2 x 3 1/2 inches
1-00050-00 $5.00

Interpoint Pins Up
28 Cell, Lightweight
Metal (L), Slotted for
Labeling Tape,
8 1/4 x 1 3/4 inches
1-00081-01 $64.00



Pocket Slate Pins Up
28 Cell, 4 Lines,
Clear Plastic (L),
8 1/4 x 1 3/4 inches
1-00078-00 $9.00



28 Cell, Heavyweight
Metal (L), Slotted for
Labeling Tape,
8 1/4 x 1 3/4 inches
1-00160-00 $80.00

28 Cell, Black Plastic (L),
8 1/4 x 1 3/4 inches
1-00080-00 $13.00

Braille Styluses

(all have a metal point, F = Flat)

Large Yellow (F),
Fits in notebook or binder
2 x 1 inches
1-00121-00 $1.00

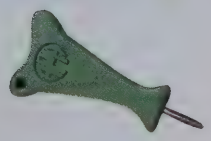
Small Green (F),
Fits in notebook or binder
1 3/4 x 1 inches
1-00122-00 $2.50

Saddle-Shaped (blue)
Plastic concave dip in handle
2 5/8 x 1 1/4 inches
1-00120-00 $2.50



Wood Handle

Large
Side of Handle (F),
2 3/8 x 7/8 inches
1-00200-00 $2.50



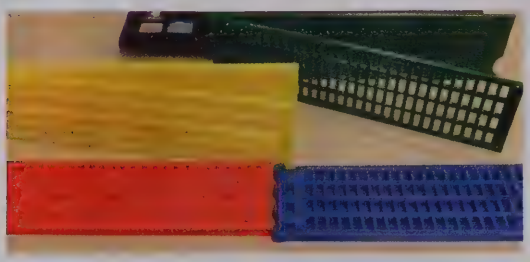
Small
1 7/8 x 3/4 inches
1-00220-00 $1.00

Braille Erasers

Wooden
2 1/2 inches long
1-00270-00 $1.00



Plastic
One Broad, One Narrow End, 5
inches long
1-00280-00 $3.00



Four Line 8 Dot Slate

Traditional braille consists of six dots per cell, but six dots can only represent 64 unique patterns. It is often desirable, especially in scientific or computer fields, to be able to represent a full character set, like ASCII in a one-to-one correspondence. That is where the 8-dot cell becomes important. APH offers a free file download that allows you to print your own slate on a 3-D printer.

D-19920-ED FREE



Slateholder

Rugged vinyl carrying case will hold any APH slate. Second pocket holds two styluses or wooden erasers. Flap seals with hook/loop material. Belt loop and holes that fit a 3-ring binder.

Measures approx. 3 1/2 x 9 inches. Slates and styluses sold separately.

1-00082-00 $8.00



Tactile Graphic Line Slate

This specially designed two-ended stylus is specially designed for the creation of tactile graphic displays by transcribers, teachers, and students. Use this lightweight slate to embellish tactile maps, graphs, charts, number lines, etc. The accompanying Instruction Booklet provides tips and techniques for using with various types of drawing media.

Recommended ages: 10 years and up.

1-00100-00 $46.00



Student Starter Pack

Basic braille materials packaged for students who are taking beginning braille classes. Includes 150 sheets of 8 1/2 x 11 inch manila transcribing paper, 150 sheets of 11 1/2 x 11 inch manila transcribing paper, a 4-line, 28-cell aluminum slate with Saddle Stylus, and a Cranmer abacus.

1-00350-00 $89.00

Feel 'n Peel Products

These fun and educational tactile/visual stickers and sheets have a variety of uses, and are printed and/or embossed on durable plastic with bright, translucent colors.

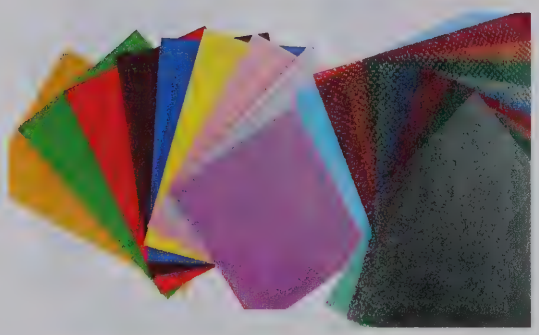


Braille/Print Capital Letters A-Z

Capital Letters A-Z are intended for the creation and adaptation of print capital letter materials for individuals who are blind and visually impaired. These multi-use braille/print stickers are embossed on clear, durable plastic.

Recommended grades: Preschool and up.

1-08870-00 $19.00



Carousel of Textures

Multi-use tactile sheets are printed and embossed on clear, durable plastic.

Recommended grades: Preschool and up.

1-08863-00 $96.00

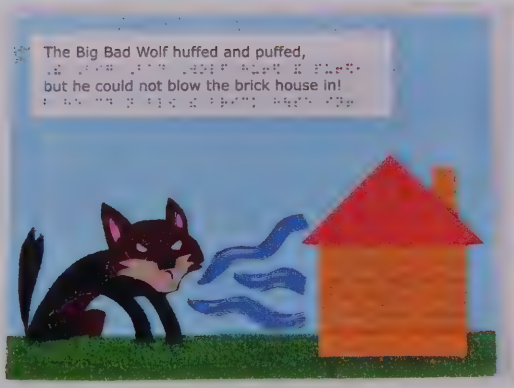
Carousel of Textures II

These colorful, tactile sheets provide a simple way to create graphs and adapt games and art projects. Used by teachers, parents, students, and adults - these sheets provide a variety of textures and colors to complement Carousel of Textures.

Note: The included textured sheets are not intended for thermoforming purposes. The colors, textures, and/or quantities of sheets and types of adhesive included may differ over time due to unexpected changes in availability.

Recommended grades: Preschool and up.

1-08897-00 $135.00



Braille/Print Numbers 0-100

These multi-use tactile stickers are printed and embossed on clear, durable plastic and are intended for the creation and adaptation of science and math-related materials.

Recommended grades: Preschool and up.

Nemeth
1-08876-00 $24.00

UEB N
1-08971-00 $13.00







Basic Math Symbols UEB

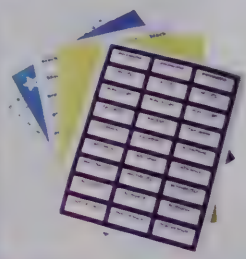
These multi-use braille/print stickers are embossed on clear, durable plastic. Separate UEB and Nemeth packages of the Basic Math Symbols are available.

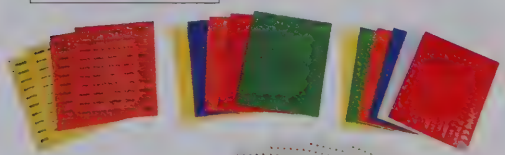
Recommended grades: Preschool and up.

Nemeth
1-08892-00 $26.00

UEB
1-08893-00 $20.00









Feel 'n Peel Stickers PARTS

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Recommended ages: 3 years and up.

Kit
1-08864-00 $96.00

Point Symbols
(over 1,200 stickers)
1-08846-00 $24.00

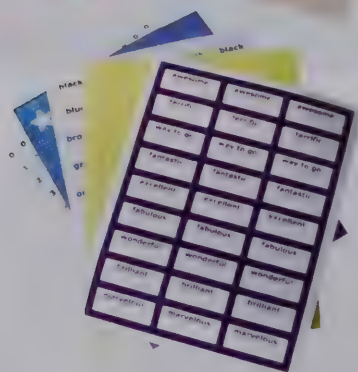
Reward Statements
(over 200 stickers)
1-08848-00 $24.00

Smiley/Frowny Face
(over 200 stickers)
1-08847-00 $24.00

Print/Braille Alphabet Letters
(over 600 stickers)
1-08849-00 $24.00







Feel 'n Peel Stickers II PARTS

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Recommended ages: 3 years and up.

Kit
1-08864-00 $96.00

Numbers
(over 650 stickers)
1-08865-00 $24.00

Point Symbols II
(over 1,200 stickers)
1-08868-00 $24.00

Reward Statements II
(over 100 stickers)
1-08866-00 $26.00

Color Names
(over 100 stickers)
1-08869-00 $24.00

Stars
(over 300 stickers)
1-08867-00 $24.00

SAM: Symbols and Meaning



A kit for students with visual and multiple impairments and pre-k children with visual impairments who are just beginning to use symbols. The SAM Guidebook provides strategies for developing a strong sensory foundation for concepts about people, objects, actions, and places so that symbols referring to them are meaningful.

Note: For the APH Intervention Continuum, APH recommends that learners use SAM and two other products in a certain order, see page 15 for more information.

1-Ø8854-ØØ $428.ØØ

Tactile Connections: Symbols for Communication

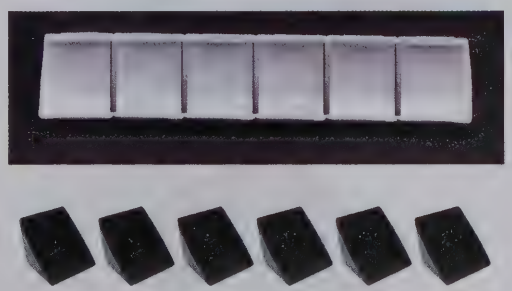


This kit helps teachers create a tactile card system that is individualized for learners who have visual impairments or who are blind, have additional disabilities, and/or lack a formal means of communication or literacy.

Recommended ages: 5 years and up.

1-Ø8837-ØØ $158.ØØ

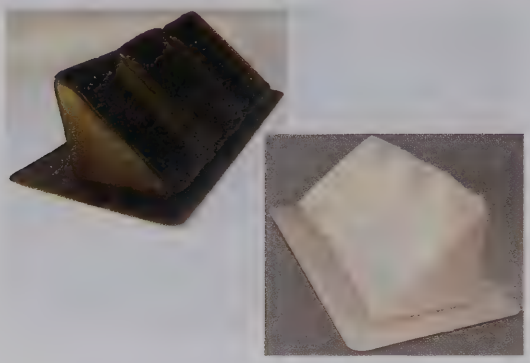
Expandable Calendar Boxes



These closed-cell foam boxes can be used singularly as an anticipation box, or in a grouping of two or more as calendar boxes. These boxes benefit students with disabilities that put them at risk for not understanding, participating in, or directing the events that surround them.

White
1-Ø8651-ØØ $151.ØØ

Black
1-Ø8652-ØØ $151.ØØ



Calendar Box Stabilizer

Designed to rest on the majority of wheelchair trays, the Stabilizer allows learning partners to present calendar boxes on a variety of surfaces (e.g., tabletops, floors) or hold them in the air before the student.

Note: Calendar Boxes not included with Stabilizer.

White
1-08556-00 $33.00

Black
1-08557-00 $33.00

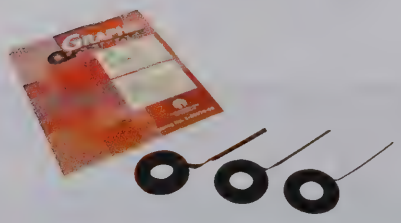


STACS: Standardized Tactile Augmentative Communication Symbols Kit

Tactile symbol systems are valuable tools that aid learners with conversations about people, places, events, and ideas. STACS helps learning partners (teachers, parents, peers, etc.) teach a beginning standardized vocabulary. Kit includes the LP guidebook. An optional braille version is sold separately.

Recommended ages: All.

1-08815-00 $696.00

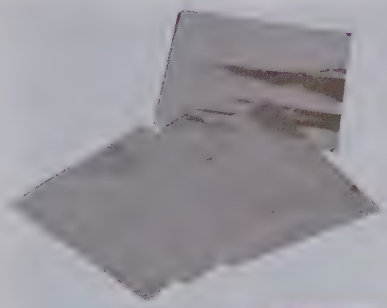


Graphic Art Tape

Includes three different widths of black, crepe-finish tape (1/4, 1/8 and 1/16 inches) in 18-yard rolls with separate print and braille versions of a suggested uses sheet.

1-08878-00 $38.00

Aluminum Diagramming Foil



For creating masters of raised-line graphics. Foil has white paint on one side for drawing graphics beforehand in pencil or ink. Sheets measure 11 x 11 inches.

(30-pk)
1-04090-00 $39.00

Tactile Graphics Kit PARTS



The Tactile Graphics Kit is an extensive set of materials that allows teachers, transcribers, and mobility instructors to create custom raised-line maps, graphs, diagrams, and charts using a variety of point symbol tongs, areal pattern plates, and line drawing tools. Masters are embossed on heavy aluminum foil and can be reproduced on a vacuum-form machine.

1-08851-00 $309.00

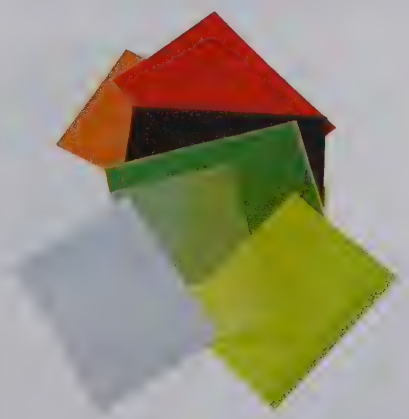
DRAFTSMAN Tactile Drawing Board PARTS



A versatile tactile drawing board that is used in combination with special film and a stylus to create instant raised-line images. The board has a plastic frame that encases a double-layered rubber surface. Clamp a sheet of included drawing film onto the board, and use the included stylus or a ballpoint pen to quickly draw a raised image.

1-08857-00 $229.00

Textured Paper Collection



This paper collection contains tactile colored sheets that can be cut out and applied to another surface for many purposes, such as tactile worksheets, areal patterns, storybooks, household items, etc.

1-03275-00 $54.00



Swail Dot Inverter PARTS

Construct simple diagrams, graphs, maps, etc., by embossing a series of single dots. Braille paper (sold separately) is placed on top of the 12 x 12 inch rubber pad. The special stylus allows dots to be embossed upwards by puncturing the paper on the down stroke and then pulling the dot upwards on the up stroke. Works best with Brailon® plastic braille paper, available in multiple sizes from American Thermoform, **americanthermoform.com**

Recommended ages: 5 years and up.

1-03610-00 $45.00



Quick-Draw Paper PARTS CVI

Create instant tactile graphics that are useful for a wide variety of art, orientation & mobility, diagramming, and educational activities. Simply draw on paper surface with a water-based marker and the lines will swell instantly and become tactile. Includes 10 sheets of Quick-Draw Paper™, instructions in large print, and two water-based markers.

Recommended ages: 4 years and up.

1-04960-00 $45.00

Word Associations Print/Braille Labels PARTS

Introduce children to the world of reading by using these large print/braille stickers! Consists of 12 sheets of self-adhesive labels containing common words. Includes 91 labels and a Manual in either large print or braille.

Recommended ages: 3 years and up.

Labels with Large Print Manual
8-39050-00 $59.00

Labels with Braille Manual
6-39050-00 $44.00



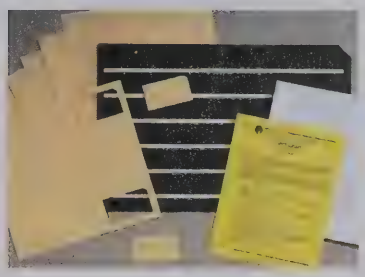
(Ball & bell not included)

Card Chart Kit PARTS

Chart board measures 19 1/2 x 12 1/4 inches and has holes for hanging. Up to five cards can be inserted into each of six high - contrast slots. Includes 90 blank cards and a corner cut for orientation.

Recommended ages: All.

1-03550-00 $59.00



Individual Calendar Kit

Includes 12 brightly colored, embossed/bold line grid sheets - one for each month. Labels are marked in large print and in braille.

Recommended ages: 4 to 10 years.

1-18971-00 $18.00



Classroom Calendar Kit PARTS

Introduce children to concepts of measuring time; tracking left, right, top, and bottom; recording the weather; and recognizing and sequencing numerals. Calendar grid dimensions: 21 x 21 1/2 inches. Includes 12 year cards. Labels are large print and braille.

Recommended ages: 4 to 10 years.

English
1-18970-00 $171.00

Spanish
1-18973-00 $174.00





Talking Typer™ (for iOS devices)

Comes with 35 built-in lessons at beginner and advanced levels. Teachers and parents can create new lessons, edit lessons, and assign lessons to individual students or groups. The app saves the results of each drill allowing students, teachers, and parents to monitor improvement.

The app can also be used with a refreshable braille display, making it accessible for students who are deafblind. Works with iOS devices running iOS 9.1 or later.

Note: Find detailed software purchasing instructions in the "How to Order" section on page 193.

Non-Quota (for individual purchase)

Available from the App Store:
itunes.apple.com/app/id992103463
D-30021-AP $4.99

Quota
D-30021-APL $4.99



Talking Typer™

A computer keyboard and typing training software that speaks and displays lessons on screen.

Includes drills, practice, and typing games, and is adjustable to the student's level of skill and sight impairment.

Requires a PC running Windows® 7 or later.

Recommended ages: 6 years and up.

Digital Download
D-03430-ED $79.00

Digital Download, Multiple Licenses

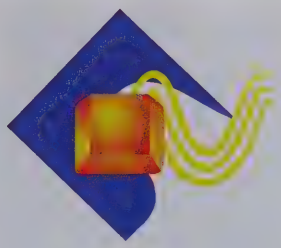
25–49 users
D-03430-ED1
$69.00/machine

50–74 users
D-03430-ED2
$63.00/machine

75–99 users
D-03430-ED3
$55.00/machine

100+ users
D-03430-ED4
$47.00/machine

Learn Keys: Verbal Keyboard Feedback Software



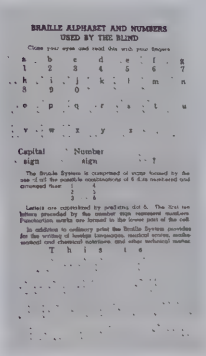
A PC keyboard exploration and announcement program that gives you human speech feedback.

Requires a PC running Windows® 7 or later.

Note: Learn Keys is not a screen reader – it speaks keystrokes.

Digital Download
D-Ø341Ø-ED $14.95

Braille Alphabet and Numbers Card



Intended to increase the awareness of braille among print readers, this card presents the alphabet, numbers, and limited punctuation signs in braille. A simple sentence in uncontracted braille is included, allowing for translation practice.

Non-Quota

(1ØØ-pk)
1-Ø4Ø2Ø-ØØ $1Ø.ØØ

Shafer Reading Stand



Adjustable, heavy-duty self-supporting stand for large print publications. Has a tripod base with a 42-inch shaft, and a four-joint, adjustable swivel arm/book rack. Book rack measures 16 x 11 1/2 inches. Swivel arm can be locked at any height along the shaft. All-metal construction, except for nonslip rubber feet.

Recommended ages: 6 years and up.

1-Ø323Ø-ØØ $326.ØØ



ReadWrite Stand

Use this stand for both reading and writing tasks. Measures 18 x 14 1/8 inches and can be positioned in four distinct angles - 5° (at rest), 15°, 30°, and 45°. Weighs approx. 2 1/2 lbs. It features two built-in handles, a low-profile clip for securing materials, and an LED book light.

Recommended ages: 5 years and up.

1-03206-00 $126.00



ReadWrite Stand Mini

Similar to the above ReadWrite, but smaller. Stand measures 10 x 11 1/2 inches and can be positioned in the same four distinct angles. Weighs approx. 1 1/2 lbs.

Warning: Adult supervision is required for adjusting the brackets for child use. DO NOT place fingers underneath the spring-loaded hinges of the uppermost bracket.

Recommended ages: 5 years and up.

1-03207-00 $103.00



Desk Top Reading Stand

This reading stand is made of durable white plastic. It is portable and holds reading material at a proper position for low vision users.

Recommended ages: 8 years and up.

1-03220-01 $181.00



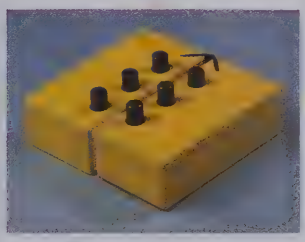
Grandstand: Portable Reading Easel

Easy to lift, carry, and lock into position. Folds up when not in use. Adjustable shelf may be raised and lowered to accommodate the height of the reader. Surface measures 15 x 14 1/2 inches. Weighs only 2 1/3 lbs.

Recommended ages: 5 years and up.

1-03205-00 $66.00

Swing Cell Compact



Helps students understand the relationship between the braille cell and the keys on a braillewriter. Internal storage of pegs.

Recommended ages: 5 years and up.

6-78041-00 79.00

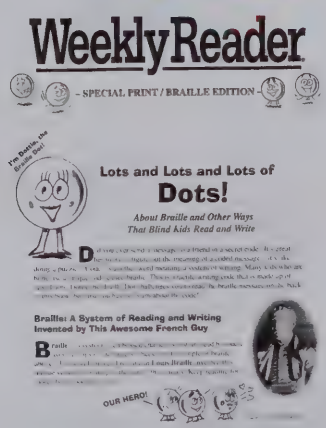
Pop-A-Cell



A large-scale braille cell measuring 2 5/8 x 4 1/4 inches. Pop the durable plastic cell dots up or down to create various braille characters. Set of four colors and a Braille Alphabet and Numbers Card included.

1-17002-00 $18.00

Weekly Reader: Special Print/Braille Edition



A fun and educational publication for print readers who want to learn more about the way kids who are blind read and write. Cartoon characters help you learn about the braille code, Louis Braille, large print, and Talking Books. Regular print publication with samples of braille. Sold individually.

As a special service, educators may request up to five copies free by calling: 1-800-223-1839.

Recommended ages: 8 years and up.

Z-SMWR97 $1.00



Touch and Tell PARTS

Classic set of braille reading readiness books. Volumes I and II introduce embossed hands and geometric forms. Volume III introduces braille dots.

Recommended ages: 3 to 5 years.

6-44670-00 $99.00



Teaching Touch PARTS

Helps parents or teachers encourage young children (4–7 yrs.) who are blind to become active explorers and readers of tactile graphics. The included booklet introduces various tactile graphics skills.

1-08861-00 $69.00



Setting the Stage for Tactile Understanding PARTS

This set of tangible items and activities assists young tactile readers in making the transition from the exploration of real objects to the interpretation of 2-D representations, both in thermoformed formats and simple raised-line illustrations. A 3-D house model aids in advanced understanding of scale and perspective.

Recommended ages: 5 years and up.

1-08853-00 $209.00

Flip-Over Concept Books

These books provide interactive, independent learning for young children as they build basic concepts and develop early tactile skills. The format of the books consists of tactile, full-color panels that can be turned until the child finds adjacent panels that continue a line or pattern, complete a sequence, build an image, and so on.

Recommended ages: 4 years and up.



LINE PATHS

The goal is for the child to find three adjacent panels that continue the same type of line path (e.g., solid, dotted, double-dotted, etc.).

1-08831-00 $88.00



PARTS OF A WHOLE

The goal is for the child to find two adjacent panels that complete the whole picture as shown in the first (or left-hand) panel.

1-08832-00 $63.00

TEXTURES PARTS CVI

The goal is to find three adjacent panels that are embossed with the same textured pattern. Teachers/parents may select from an assortment of textured vinyl panels to build a unique flip-over book.

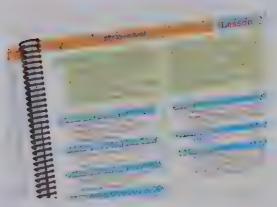
1-08829-00 $125.00













Building on Patterns (BOP)

Building on Patterns is a systematic, comprehensive, and balanced literacy program designed to teach young children (through second grade) with visual impairments to read and write using braille.

Please visit the BOP overview and resources pages for more information on all levels of BOP at **aphbop.org**.

All BOP Pre-K materials are in UEB

Prekindergarten Level PARTS UEB

BOP Prekindergarten is the first level of the second edition of BOP, and its curriculum reflects best practices in braille literacy instruction, including lessons designed to build literacy skills related to listening, speaking, reading, and writing in preparation for kindergarten. It may be used as a stand-alone program, or as a supplement to regular preschool curricula.

APH recommends that the print children's books and their braille transcriptions in the Student Kit stay with the student after using them during lessons to help them begin (or supplement) their own library. The print and braille books can also be sent home so family members can have their own interactive reading sessions with their child.

APH also highly recommends teachers use the electronic versions of the parent letters in order to tailor them to each student's family.

Note: The font for the braille with shadow dots used in the letters is available to download as well.

Features

- Includes 28 instructional lessons, each paired with a children's book and a tactile storybook that supports lesson concepts through activities that involve tracking, simple reading, and understanding tactile graphics.
- Each lesson begins with learning objectives, and then includes sections on the following:
 - **Speaking and listening:** interactive read-alouds using high-quality children's literature with an emphasis on oral vocabulary and listening comprehension
 - **Knowledge and concept development:** days of the week, weather, shapes, and other concepts relevant to the preschool curriculum

- **Phonological/phonemic awareness:** environmental sounds, rhyming words, syllables, and initial and ending sounds
- **Reading:** tracking skills, letter and number recognition, phonics, and independent reading of simple continuous text (tactile storybooks)
- **Writing:** practice exercises, modeled/interactive (shared) writing, and name writing
- A variety of tactile graphics
- Enrichment activities incorporating poetry, arts and crafts, music, and movement

• Print and braille Teacher Kits are available.

BOP Prekindergarten Student Kit

- Parent Booklet
- Print Parent Letters (also available on the BOP Pre-K website)
- Preschool Teacher Booklet
- Set of 27 Print Children's Books
- Student Set of 28 Braille Children's Books (includes one print-braille book)
- 28 Tactile Storybooks
- 4 Workbooks
- Worksheets Pack
- Manipulatives Pack
- Monitoring Charts and Reading Roundup Consumables (also available on the BOP Pre-K website)

Print Teacher's Kit Includes: Quick Start Guide, TSVI Booklet, Manual, Reading Roundup and Reference Volume

Braille Teacher's Kit Includes: Quick Start Guide, TSVI Booklet, Reading Roundup, Reference Volume and Teacher's Set of Braille Children's Books

Note: The 28-volume braille Teacher's Manual is not included in this kit. The hard copy version is only available from APH as make-to-order.

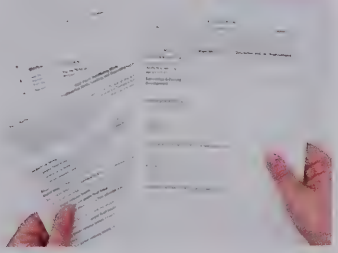
Teacher's Kit	Student Kit
Print 8-78534-ØØ $265.ØØ	**6-78530-ØØ** $859.ØØ
Braille 6-78534-ØØ $469.ØØ	







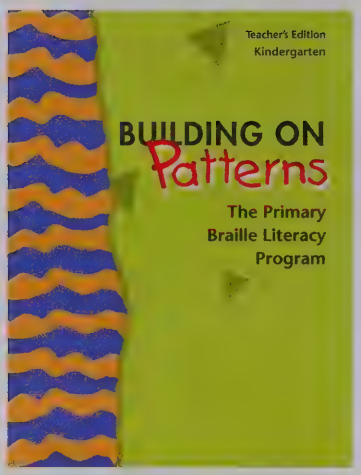




Building on Patterns (BOP) Kindergarten, First Grade, and Second Grade

Note: BOP Kindergarten, First Grade, and Second Grade Levels each have free downloads of the UEB Teacher Supplements from our manuals page for revised information.

Student materials are in UEB.





Kindergarten Level PARTS UEB

The series addresses vocabulary, fluency, comprehension, phonemic awareness (ability to hear and interpret sounds in speech), and phonics.

Kindergarten lessons include a selection to be read to the student, questions to discuss, and an activity for the child to complete.

Recommended ages: 4 years and up.

Note: Each student kit includes Posttest Consumables, Textbook Assessment Check-up Forms, set of 7 Student Textbooks, and a Color Me Book.

Teacher's Edition

Print (2 vol.)
8-78451-ØØ $52.ØØ

Braille
6-78451-ØØ $52.ØØ

Student Kit

6-78550-ØØ $2Ø9.ØØ

First Grade Level PARTS UEB

BOP First Grade lessons require students to read selections themselves with emphasis on decoding skills, comprehension, and fluency. Creative writing, related to the reading selections, is included with each lesson. Spelling is based upon phonics skills. Worksheet packs, lesson monitoring sheets, and unit assessment packs are consumables and are available separately.

Note: Each Student Kit includes Lesson Monitoring Sheets, Assessment Check-up Forms, Student Textbook, and Worksheets Pack.

Recommended ages: 6 years and up.

Unit 1
Not Far from Home
Student Kit
6-78560-U1 $121.00

Teacher's Edition (Includes Reference Vol.)
Print 8-78561-U1 $99.00
Braille 6-78561-U1 $99.00

Unit 2
Going and Doing
Student Kit
6-78560-U2 $139.00

Teacher's Edition
Print 8-78461-U2 $31.00
Braille 6-78461-U2 $31.00

Unit 3
Animal Tales
Student Kit
6-78560-U3 $129.00

Teacher's Edition
Print 8-78461-U3 $59.00
Braille 6-78461-U3 $59.00

Unit 4
At School
Student Kit
6-78560-U4 $121.00

Teacher's Edition
Print 8-78461-U4 $59.00
Braille 6-78461-U4 $59.00

Unit 5
This and That
Student Kit
6-78560-U5 $134.00

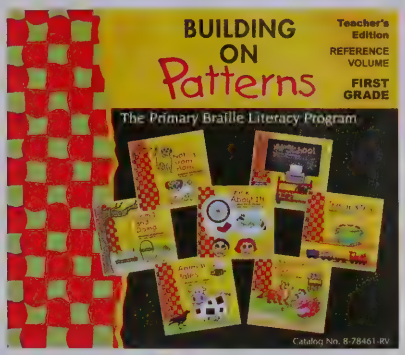
Teacher's Edition
Print 8-78461-U5 $59.00
Braille 6-78461-U5 $59.00

Unit 6
More Animal Tales
Student Kit
6-78560-U6 $132.00

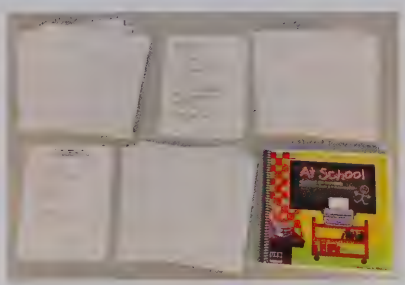
Teacher's Edition
Print 8-78461-U6 $59.00
Braille 6-78461-U6 $59.00

Unit 7
Think About It!
Student Kit
6-78560-U7 $134.00

Teacher's Edition
Print 8-78461-U7 $28.00
Braille 6-78461-U7 $28.00

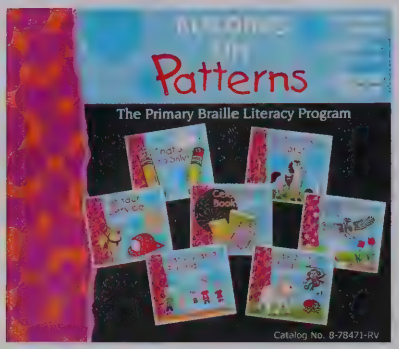












Second Grade Level PARTS UEB

Braille contractions are introduced from the beginning, along with sound and letter associations. Expanded Core Curriculum (ECC) Skills such as using tactile graphics and technology are also included. BOP Second Grade includes more worksheets, part-word braille contractions, and other remaining literacy contractions and symbols along with the rules to use them. The curriculum also, emphasizes syllables and multisyllabic words, and the effect of certain letter combinations on vowel sounds.

For optional map work, each lesson gives the foreign origin of at least one spelling word.

Recommended ages: 7 years and up.

Prerequisite: BOP First Grade or equivalent skills.

Note: Each Student Kit includes Lesson Monitoring Sheets, Consumable Unit Assessment Packet, Student Textbook, and Worksheets Pack. Unit 1 Teacher's Edition includes Reference Vol.

Unit 1
That's So Silly Student Kit
6-78570-U1 $154.00

Teacher's Kit
(Includes Reference Vol.)
Print 8-78571-U1 $50.00
Braille 6-78571-U1 $50.00



Unit 2
At Your Service Student Kit
6-78570-U2 $175.00

Teacher's Kit
Print 8-78471-U2 $37.00
Braille 6-78471-U2 $37.00



Unit 3
Family and Friends
Student Kit
6-78570-U3 $161.00

Teacher's Kit
Print 8-78471-U3 $144.00
Braille 6-78471-U3 $144.00

Unit 4
Just for the Fun of It
Student Kit
6-78570-U4 $168.00

Teacher's Kit
Print 8-78471-U4 $133.00
Braille 6-78471-U4 $133.00



Unit 5
It's a Natural Thing
Student Kit
6-78570-U5 $191.00

Teacher's Kit
Print 8-78471-U5 $145.00
Braille 6-78471-U5 $145.00



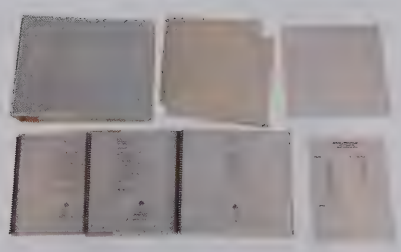
Unit 6
A Walk on the Wild Side
Student Kit
6-78570-U6 $148.00

Teacher's Kit
Print 8-78471-U6 $139.00
Braille 6-78471-U6 $139.00



Unit 7
Celebrate Books
(Includes 3 chapter books)
Student Kit
6-78570-U7 $163.00

Teacher's Kit
Print 8-78471-U7 $159.00
Braille 6-78471-U7 $159.00





APH SMART Brailler by Perkins

This mechanical brailler has a built-in screen and speaker that provides immediate feedback to a child or adult who is learning braille via text-to-speech, and a screen that displays SimBraille and large print of what is brailled in uncontracted or contracted braille. Accommodates 8 1/2 x 11 inch paper and embosses up to 25 lines of 28 cells.

Recommended ages: 3 years and up.

Warning: Young children should be supervised during exploration and pre-braille activities.

Available with Quota funds.

1-00820-00 $1,995.00 + shipping



APH Light-Touch Perkins Brailler

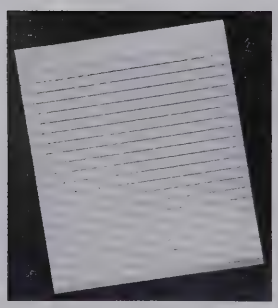
This manual brailler has all of the great features of the classic Perkins Brailler but requires less pressure to depress the keys. Extended key design increases usability and comfort, and light gray keys provide contrast against the sapphire blue frame.

Recommended ages: 3 years and up.

Warning: Young children should be supervised during exploration and pre-braille activities.

Available with Quota funds.

1-00815-00 $790.00



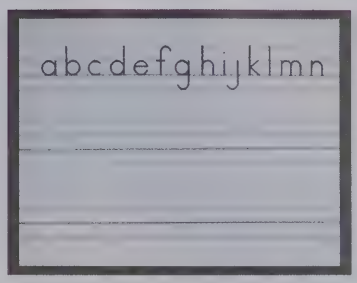
Embossed Pencil Writing Paper

Provides heavy raised lines to guide students or adults in handwriting. 22 lines per each sheet.

Measures 8 3/4 x 10 1/2 inches and is in pads of approx. 165 sheets.

1-04560-00 $14.00

Beginner's Writing Paper

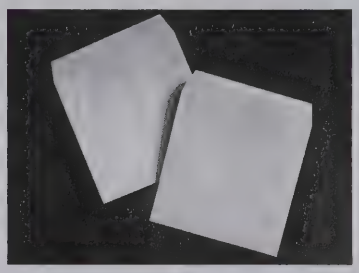


This special paper helps students practice manuscript writing. Top of sheet is printed with a sample alphabet, followed by bold lines for practice.

Recommended ages: 5 years and up.

1-04920-00 $7.00

Mailing Envelopes for Braille

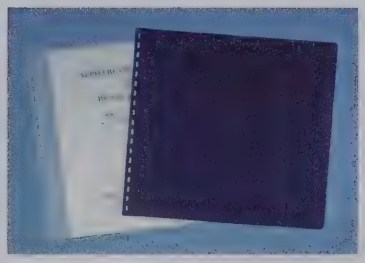


Designed for mailing or storing brailled sheets up to 11 1/2 x 11 inches. White, blank envelopes with self-sealing flaps. Measures 12 1/2 x 12 1/2 inches. Will hold approximately 30 sheets.

(25-pk)

1-04230-00 $6.00

Covers for Braille Documents



Plastic covers measure 11 3/4 x 11 inches and are designed to bind 11 1/2 x 11 inch braille pages. May be bound with a 19-ring comb binding or twin loop binding. Will bind tractor-feed or manila 19-hole papers available from APH.

Royal Blue
1-04010-01 $3.00

Clear Frosted
1-04010-02 $3.00

Bold Print Paper

Makes it easier for users with low vision to complete written tasks. All sheet quantities below are approximate; all sizes are in inches.

Boldline Spiral Notebook



Looks like the type all students carry, but with bold line paper. 100 sheets of 8 1/2 x 11 inch paper, with 9/16 inch line space. Blue marble cover.

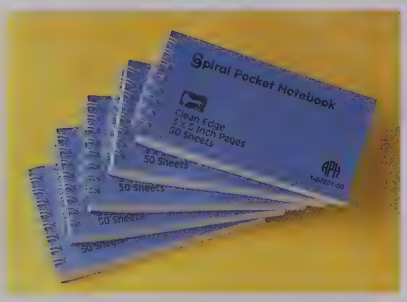
1-04825-00 $6.00

Collegiate Boldline Spiral Notebook



This notebook has more closely spaced bold lines than the Boldline Spiral Notebook. 75 sheets of 8 1/2 x 11 inch paper, with 7/16 inch line space. Black marble cover.

1-04826-00 $4.00



Spiral Pocket Notebook

Each notebook contains 50 pages of 80 pound white braille paper. Spiral binding makes it easy to handle. Perforated sheets measure 3 x 5 and 1/2 inches (3 x 5 inches when removed). Works easily with APH's Janus Slate.

(6-pk)
1-04301-00 $20.00

Braille Paper

APH offers a wide array of braille paper for use with slates, braillewriters, computer braille embossers, and vacuum-form machines. Sheet quantities are approximate; all sizes in inches.



White Fanfold Tractor-Feed Braille Transcribing Paper

This low dust paper is designed to be used with computer-driven braille embossing devices. It has a smooth surface. Tractor-feed holes may be torn off. 90# paper.

8 1/2 x 11
Unpunched 500 sheets
1-04137-01 $30.00

3- and 19-Hole Punch
500 sheets
1-04138-01 $30.00

11 1/2 x 11
Unpunched 1000 sheets
1-04139-01 $50.00

3- and 19-Hole Punch
1000 sheets
1-04140-01 $50.00

White Braille Paper

This 80# paper is for use with braille slates and braillers.

8 1/2 X 11

Unpunched
Now with 400 sheets
1-04151-01 $10.00

3-Hole Punch 150 sheets
1-04401-00 $5.00

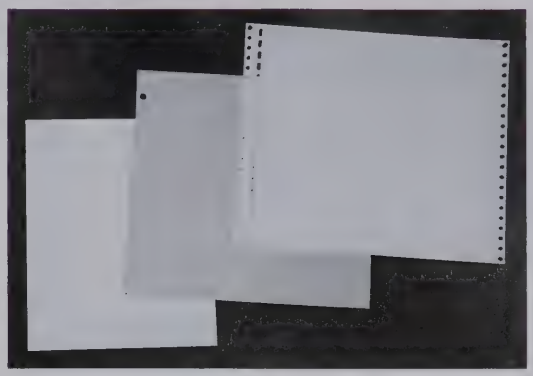
11 1/2 x 11

Unpunched 150 sheets
1-04221-00 $6.00

3-Hole Punch 110 sheets
1-04471-00 $5.00

3 3/4 x 5 3/4 6-Hole Punch
Fits in Pocket Notebook
250 sheets
1-04390-00 $1.00

Manila Braille Transcribing Paper



Heavyweight 100# paper, for use with slates and braillewriters, holds dots well and can be used to create braille masters for vacuum-form machines.

8 1/2 x 11

Unpunched 500 sheets
1-04530-00 $20.00

3-Hole Punch 500 sheets
1-04660-00 $20.00

11 1/2 x 11

Unpunched 500 sheets
1-04540-00 $22.00

3-Hole Punch 500 sheets
1-04680-00 $24.00

19-Hole Punch 500 sheets
1-04650-00 $25.00

PermaBraille

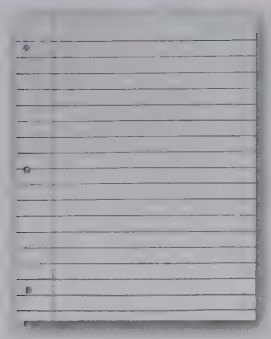


These 8 1/2 x 11 vinyl PermaBraille™ sheets provide a durable alternative to standard braille paper for a variety of tasks. Use for address and phone number lists, recipe cards, bulletin board displays, flash cards, tactile displays, and much more.

Advantages of PermaBraille

- Use with either a braillewriter or slate and stylus
- Braille dots are durable and easy to read
- Waterproof and resistant to tearing
- Tactile graphic displays can be created by using a variety of cold-forming tools and specialized drawing tools
- Receptive to permanent markers for adding print labels/notes
- Create tactile graphic displays by using spur wheels (such as APH's Line-Drawing Tool Kit, 1-08851-01 or APH's Tactile Graphics Line Slate, 1-00100-00)

(50-pk)
1-08884-01 $19.00



Bold Line Notebook Paper

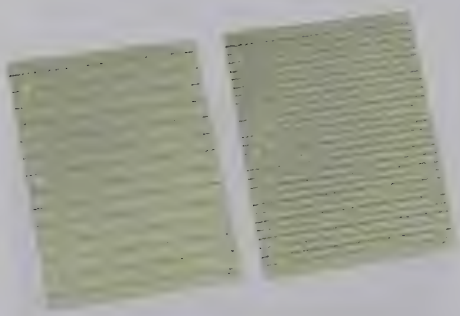
Has black lines printed on white paper with a left-hand margin. Two styles: in a pad with no punching, or in loose sheets punched for a 3-ring binder. 500 sheets of 8 1/2 x 11 paper.

Loose Sheets
3-Hole Punch
7/16 inch line spacing
1-04851-00 $17.00

9/16 inch line spacing
1-04861-00 $17.00

Padded
Unpunched
7/16 inch line spacing
1-04791-00 $17.00

9/16 inch line spacing
1-04801-00 $17.00



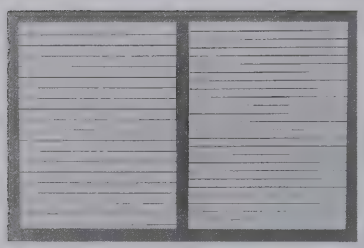
Green-Lined Writing Paper for Primary Students

Off-white paper printed with bold green lines, 300-pk.

8 1/2 x 11, 3-Hole Punch

3/4 inch line spacing
1-04869-00 $17.00

7/16 inchline spacing
1-04872-00 $16.00

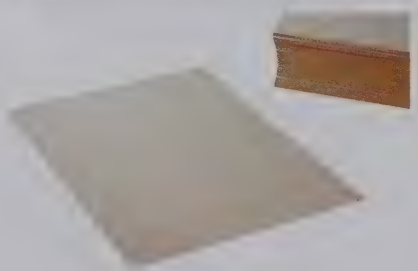


Bold Line Letter-Writing Paper

This paper has bold, black lines printed on white paper without margin. 500 unpunched sheets per pad, 8 1/2 x 11 inch paper.

7/16 inch line spacing
1-04811-00 $17.00

9/16 inch line spacing
1-04821-00 $13.00



Antique Ivory Opaque Paper

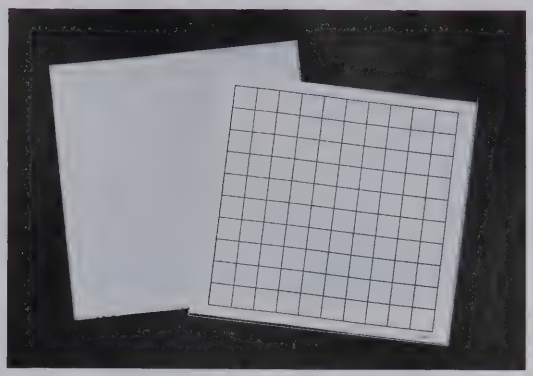
Ivory colored, unlined paper for good contrast – great for photocopying large print documents, (500-pk).

8 1/2 x 11
1-04501-01 $16.00

11 x 17
1-04500-00 $25.00

11 x 14
1-04500-05 $23.00

Graph Sheets



Bold-line graph sheets have thick unit lines and thinner sub-unit lines. Embossed graph sheets have braille dot grids on manila paper.

8 1/2 x 11

Embossed (50-pk)
7 x 10 grid
1 inch squares
1-04055-00 $10.00

Bold Line (100-pk)

Coordinate Axes
15 x 20 grid
1/2 inch squares
1-04061-00 $43.00

31 x 40 grid
1/4 inch squares
1-04062-00 $43.00

For Bar Graphs
15 x 20 grid
1/2 inch squares
1-04063-00 $33.00

10 x 13 grid
3/4 inch squares
1-04064-00 $33.00

7 x 10 grid
1 inch squares
1-04065-00 $43.00

11 1/2 x 11

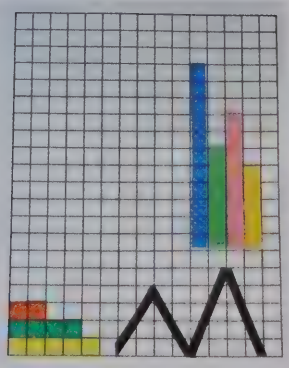
Embossed (50-pk)
13 x 13 grid
3/4 inch squares
1-04057-00 $10.00

10 x 10 grid
1 inch squares
1-04058-00 $5.00

18 x 21 grid
1-inch margin on 3 sides
1/2 inch squares
1-04059-00 $10.00

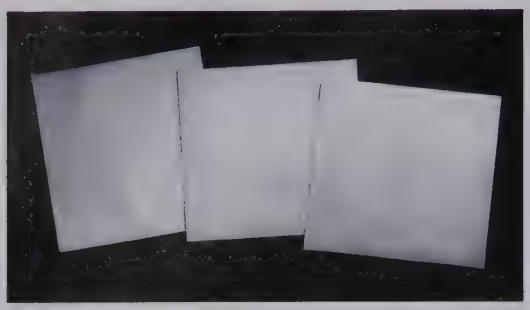
Bold Line (100-pk)
10 x 10 grid
1 inch squares
1-04069-00 $44.00

Bold-Line Tactile Graph Sheets



These graph sheets combine tactile and print, which expand APH's graph sheet collection previously available only in embossed paper or print-only packages. Label and embellish the graph sheets using a variety of methods (e.g. braillewriter, line-embossing tools, tactile stickers, graphic art tape, etc.).

1-04080-00 $42.00



Low-Relief Embossed Graph Sheets

Great for teachers and transcribers to use in making charts and graphs. Grid is embossed on 11 1/2 x 11 inch, 80# braille paper with margins, (25-pk).

20 x 20 Grid
1/2 inch squares, X-Y axis
1-04045-00 $8.00



Dividers for Braille Notebooks, 3-Hole Punch

Will fit the Azure Blue or the White 3-Ring Braille Notebooks. Heavy manila stock with an extra 1/2 inch edge that can be brailled with the subject of the division. 15 dividers per pack.

9x11
(for Azure Blue Notebook)
1-04225-00 $4.00

12x11
(for White Notebook)
1-04226-00 $4.00

Important Icon Legend

CVI Icon

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

UEB Icon

Products with this icon are transcribed in Unified English Braille (UEB).

N New Product

R Revised Product

Replacement and Optional Parts Available Icon

Products with available replacement parts are marked with this icon. Refer to the Parts Catalog on our website: aph.org/aph-catalogs.

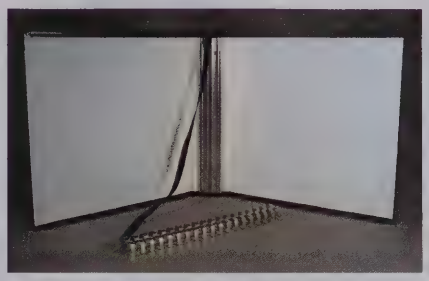
Downloadable Manuals

Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit **www.aph.org/manuals-downloads/** to download an accessible manual. If you cannot find what you are looking for, go to the product's page in the download section for legacy files.

YouTube

Product videos available on APH's YouTube page.

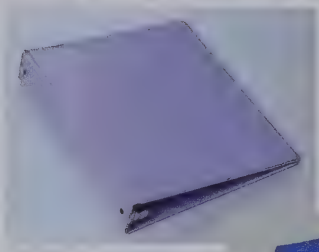
Krebs' Binder, 19-Ring



Made of heavy-duty board covered with imitation leather. Holds 11 1/2 x 11 inch 19-hole punched braille paper, 105 sheet capacity. Binder ring assembly consists of a metal back plate, metal rings, and a locking pin.

1-04260-00 $36.00

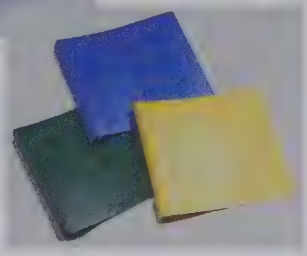
Braille Notebooks, 3-Ring



Made of heavy-duty board covered with white vinyl. Holds approximately 100 sheets of 11 1/2 x 11 inch braille paper.

1-04380-00 $9.00

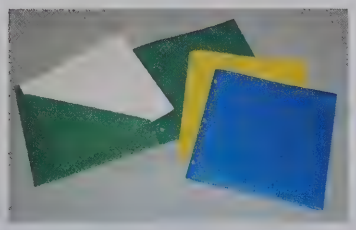
Floppy Braille Binders



Durable plastic three-ring binder designed to hold 11 1/2 x 11 inch braille sheets. Flexes to fit easily into a backpack. Includes three binders, one each: green, blue, yellow with an inside pocket.

1-04295-00 $13.00

Braille Pocket Folders



Will hold 11 1/2 x 11 inch braille sheets. Has slant-cut pockets. Punched for 3-ring binder. Made of durable, flexible plastic. Includes three folders, one each: green, blue, and yellow.

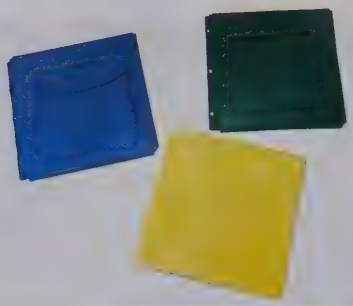
1-04294-00 $15.00

Super-Sized Folders



These folders are made of a semi-rigid polyblend plastic. They measure 12 x 11 1/4 inches with a depth of 3/4 inches, allowing full 11 1/2 x 11 inch braille sheets to fit. Part of the braille page remains uncovered so that the contents of each folder can be quickly scanned, one each: green, blue, and yellow.

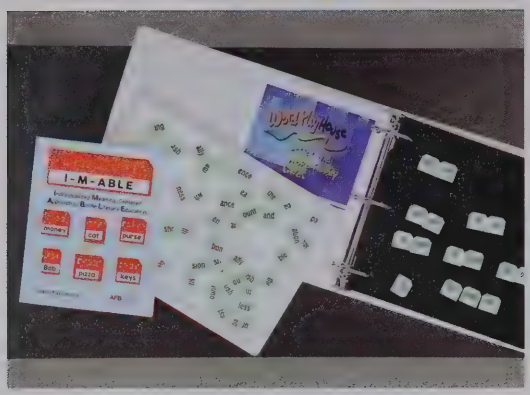
1-04296-01 $16.00



Plastic Binder Envelopes for Braille

These envelopes have a side tab that is 3-hole punched for use in a 3-ring binder and a flap that opens from the top and is held closed using three hook & loop coins. Accommodates up to 2Ø+ sheets of braille, one each: green, blue, and yellow.

1-Ø4297-ØØ $29.ØØ

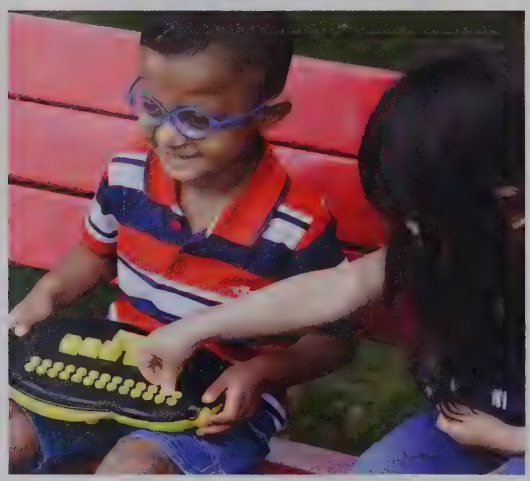


I-M-ABLE Kit N

The I-M-ABLE, (Individualized Meaning-Centered Approach to Braille Literacy Education) book and accompanying materials are designed to assist children who are candidates for braille instruction, but who are struggling with the beginning stages of learning letters and sounds. This resource also helps students with mild to moderate cognitive impairments or other difficulties. As they teach, teachers can continuously analyze the strengths and needs of their students. The lessons in this curriculum use key vocabulary words and phrases based on students' individual experiences and interests. With success built into each lesson, students are rewarded with progress, which further engages them in the learning experience.

Kit
1-ØØ351-ØØ $495.ØØ

Electronic Format
1-ØØ352-ØØ $469.ØØ



BrailleBuzz

BrailleBuzz™ is an instructional toy for young braille learners, ages two to five. It encourages practice with braille characters and phonics, similar to a variety of audio-based toys that teach print writing. Resembling a cartoon bumblebee, BrailleBuzz encourages little ones with audio feedback, a friendly recorded human voice and fun sounds, paired with a Perkins-style braille keyboard, designed with little hands in mind.

Requires 2 AA batteries (not included).

1-Ø3935-ØØ $99.ØØ



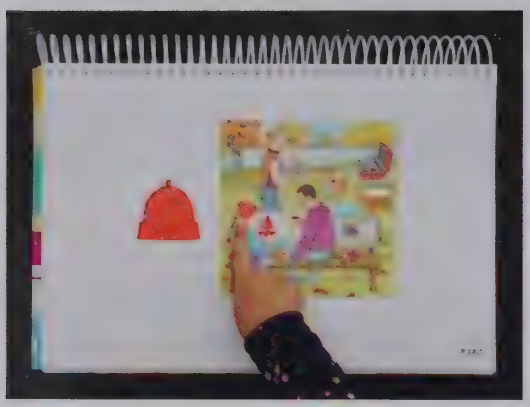
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Barraga Visual Efficiency Program

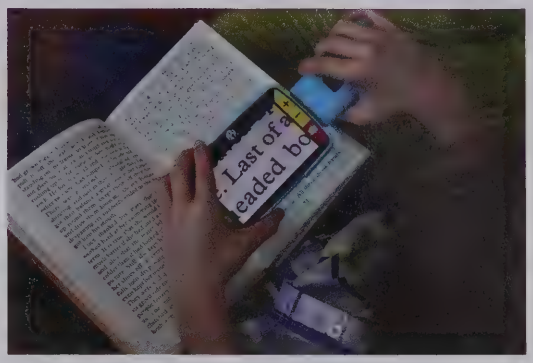
The Barraga Visual Efficiency Program (BVEP) evaluates the visual efficiency of, and provides available methods of instruction for, students with low vision who have ocular impairments and who have achieved cognitive developmental skills at or beyond the 3-year-old level.

BVEP contains information and materials for teachers to evaluate the visual efficiency needs of their students and determine a baseline on where a student is on his/her ability to perceive shapes, size, color, orientation, visual closure, internal detail, matching, and naming missing objects. Instructional methods are included to help students improve in these areas and to maximize their available vision.

Note: Some of the instructional designs used in this program may also be appropriate for students who have CVI if they are developmentally 3 years old or older and if appropriate accommodations are used. Teachers can also use the Barraga website to record their assessments and evaluations at barraga.aphtech.org/.

1-08531-00 $729.00

Video Mag HD



American Printing House for the Blind and Freedom Scientific partnered to develop the Video Mag HD, a durable, kid-friendly handheld high definition video magnifier.

Video Mag HD combines a high-definition camera with a rugged, lightweight body. Its auto-focus HD camera can magnify from 2x to 13x. 4.3-inch LCD screen. Supports five default color modes and 15 additional contrasting color modes.

1-03914-00 $499.00 + shipping

Match Sticks



This game is designed to provide children in Phases II and III of the CVI Range Assessment* with a matching activity that is fun and entertaining and that helps develop vision skills.

*Roman-Lantzy, C. (©2007). Cortical Visual Impairment: An Approach to Assessment and Intervention.

Recommended ages: 5 years and up.

1-08157-00 $104.00

Bright Line Reading Guide



Place guide over text to highlight, eliminate glare, and promote maximum contrast. Bright Line Reading Guide is 10 inches long, but can be cut to any size and three-hole punched for placement in a binder. Each pink or yellow guide comes in a vinyl protective pouch.

Yellow (2-pk)
1-03060-00 $11.00

Pink (2-pk)
1-03061-00 $11.00

Variable Beam Flashlight Kit



Designed to help students develop visual awareness and tracking skills. Kit includes: Instructions and activities, two variable beam flashlights, two sets of five translucent and four transparent color lenses, Color Beam Book, and AAA batteries.

1-08390-02 $66.00



Topaz Filters

These topaz glasses are amber in color and filter out blue light produced by overhead florescent lighting, LED lighting, UV, and other lighting in the blue color spectrum, similar to UltraLens glasses (see UltraLens description).

Adult (wear alone or over glasses)
1-Ø8179-ØØ $9.ØØ

Jr. With Headstrap
1-Ø818Ø-ØØ $29.ØØ

Jr. Clip-On (clips to child's glasses)
1-Ø8182-ØØ $22.ØØ

Infant With Headstrap
1-Ø8181-ØØ $29.ØØ



UltraLens Filters

The UltraLens glasses filter out UV and blue light while still allowing the wearer to see materials with a brighter, high contrast view through yellow lenses. UltraLens addresses the amount of blue light exposure through computer screens, overhead florescent lights, LED lighting and other lighting in the blue color spectrum thus reducing glare, eye strain and fatigue. Black lights, which generate both UV and blue light, are sometimes used in vision development activities. The practitioner and child should wear filters like the UltraLens during exposure. These lenses are beneficial in enhancing contrast for the user while providing a comfortable experience in viewing. The yellow lenses are available in four sizes. A soft case is provided to store the lenses.

Adult (wear alone or over glasses)
1-Ø8175-ØØ $14.ØØ

Jr. With Headstrap
1-Ø8176-ØØ $33.ØØ

Jr. Clip-On (clips to child's glasses)
1-Ø8178-ØØ $2Ø.ØØ

Infant With Headstrap
1-Ø8177-ØØ $27.ØØ

See Like Me: Low Vision Simulators

These simulators are standard safety glasses that have been fit with inserts to mimic common eye conditions.

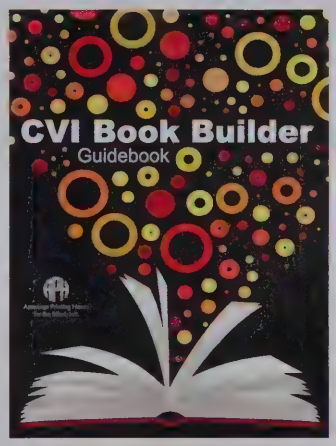


These simulators cannot exactly produce any person's exact vision; instead, they give a general sense of what it is like to function with low vision that stems from a particular condition, including Glaucoma, Diabetic Retinopathy, Macular Degeneration, Detached Retina, and many more!

Recommended ages: 12 years and up.

1-08053-00 $149.00

CVI Book Builder



For use with children who have been diagnosed with CVI and benefit from reduced complexity. CVI Book Builder provides materials for parents and teachers to build books specifically for their reader — adaptations of print books, firsthand experience books, concept books, and more!

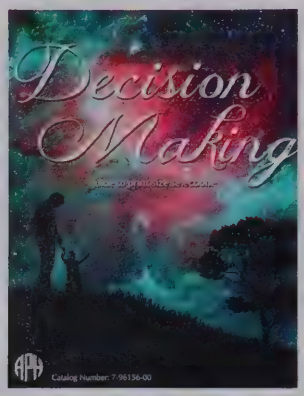
It includes a variety of black pages and black binders to use as low complexity backgrounds against which to present familiar items, photos, and letters/words. All pages fit into sturdy plastic binders with reclosable safety loops. Binders feature an open-view front to allow users to create and insert their own cover art.

The guidebook contains 17 pages, including basic ideas for creating your own books.



Note: Binders and pages in CVI Book Builder and Tactile Book Builder can be used interchangeably. Most kit components are available as replacement parts.

1-08825-00 $279.00



Decision Making Guide

Decision Making Guide: A Guide to Print Size Selection is a quick guide to help determine the correct print size for a student's unique visual functioning. The estimate is reached as part of a learning media assessment with the use of word, sentence, and passage reading charts to arrive at print sizes needed for various tasks.

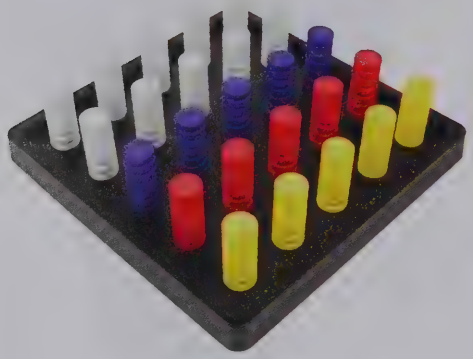
7-96156-ØØ $51.ØØ



Explorer Bright Ray PARTS

This head-worn LED lamp helps adults and students with many activities. It features three light intensity settings, adjustable angle and head straps, very low energy usage, unbreakable lens, and water resistant. Included book tells reader everything they need to know about Light Emitting Diodes (LEDs).

1-Ø8943-ØØ $79.ØØ



Increasing Complexity Pegboard CVI PARTS

The Increasing Complexity Pegboard was created for children with visual impairments, including those diagnosed with CVI. Paired with diagnostic teaching strategies, the pegboard set helps to determine and support the child's color, lighting, movement, and complexity needs.

Note: The APH Tactile Graphic Image Library (TGIL) has access to 3-D printing files, allowing additional pegs to be printed on your own 3-D printer.

1-Ø816Ø-ØØ $169.ØØ



Teen Scene: Portraits of Success Video

Starring four Kentucky teenagers with low vision, this 39-minute video will make you laugh, warm your heart, and make you feel as though you know these teens! It's all about being successful, self-advocating, dating, playing sports, or achieving in school or on the job. Closed captioned.

1-3ØØ11-DVD $25.ØØ

Light Boxes

APH's light boxes are unique devices, recommended for all ages, which help students utilize their residual vision. When used with special sets of materials designed by APH, light boxes help develop awareness of light, color, and objects, and also assist in the instruction of tracking, scanning, eye-hand coordination, visual discrimination, and visual perceptual skills.

Recommended for all ages.

LED Light Box



The new and enhanced Light Box now features an LED light bulb, which is known to last longer and use less energy. It also features lithium batteries that hold a charge much longer than previous models. Similar in looks to the Light Box customers have grown to know and love, the new LED Light Box also features a lighted, translucent white work surface, providing a high contrast background for opaque materials and a source of illumination for colored transparent and translucent items. Includes dimming control, and can be used flat or tilt at three angles. Built-in ledges hold overlays in position.

*Adapter accepts power from 11ØVAC to 22ØVAC.

1-Ø8655-ØØ $499.ØØ

LED Mini-Lite Box



Smaller, lighter, and less expensive than its larger counterpart, the LED Mini-Lite Box is an all-inclusive, person-centered learning tool for students of any age who are visually impaired, as well as students with CVI and other disabilities. Individual items from the Light Box Materials Levels I, II, and III can be used with it. An optional carrying case is available. Also available separately are Mini-Lite Box Transparent Overlays which may be used to promote light awareness, improve contrast and visibility, and introduce color matching.

1-Ø8654-Ø1 $259.ØØ





Spinner Overlays for the Light Box

Designed to meet the needs of learners with CVI or low vision, Spinner Overlays can be adapted and layered for many purposes. They use light, movement and increasing levels of complexity and may be customized by creating patterns with the included pre-cut stickers, or with commercially available stickers.

Warning: Choking Hazard-Small Parts. Not intended for children ages 5 and under without supervision. Seizure Hazard-Use of this product can simulate flashing lights. Adults supervising learners prone to seizures brought on by flashing lights are advised to use this product with caution.

1-08692-00 $311.00



Mini-Lite Box Overlays

Used for instruction or assessment in color and shape identification and counting, parents and teachers can individualize their lesson(s) by adding layers of Mini-Lite Box overlays according to each student's level of visual complexity.

1-08659-00 $109.00

Get Creative!
Enter APH InSights Art Annual Juried Art Competition and Exhibition!

Each year APH sponsors a juried art competition and exhibition designed **exclusively for artists of all ages who are blind and visually impaired.** Works are chosen for exhibition at APH's Annual Meeting. Award winners are selected in each of nine categories.

Submissions to APH InSights Art may include sculpture, pottery, weaving, photographs, prints, paintings, mixed media, and collage.



To enter, contact the Special Programs Manager, insights@aph.org

APH has created a calendar featuring artwork from APH InSights, see page 185

Light Box Materials and Activity Guides

Light Box Activity Guides have sections on CVI, references to products, and increased accessibility. The Guides are available in English and Spanish. Activity Guides for all three levels may include a number of Activity Sheets.

Note: Most Light Box Materials in all levels can be used with the LED Mini-Lite Box.

Level I



These materials help teach basic visual skills, eye-hand coordination, and simple matching skills. Level I includes colored and patterned overlays, a plexiglass spinner with overlays, and colored transparent items: basic shapes, puzzles, threading beads, and tumblers.

Recommended ages: Birth to 4 years.

1-08670-00 $438.00

Level II



These materials help teach matching and identification skills, part-whole relationships, sequencing, pattern duplication, spatial relationships, and visual memory skills. Level II includes an expanded range of geometric shapes, colored transparencies depicting shapes and familiar objects, stencils, outline shapes, and a pegboard and colored translucent pegs/blocks.

Recommended ages: 3 to 5 years.

1-08680-00 $854.00

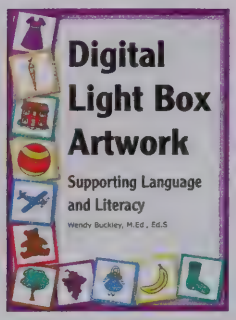
Level III

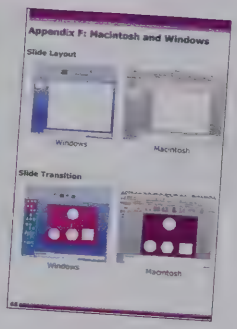


These materials help students develop several skills including prewriting and handwriting, matching and sorting, recognition and identification, spatial relationships, visual memory, sequencing, figure-ground discrimination, visual closure, and part-whole relationships. Level III includes an extensive selection of smaller pictured objects for matching or use in the provided game trays: board game, bingo, and lotto formats. Some present differing and missing details, sequenced actions, or multiple objects within a larger scene.

Recommended ages: 4 to 6 years.

1-08690-00 $979.00





Digital Light Box Artwork CVI

Use Digital Light Box Artwork (DLBA) with your software to provide extension activities for the Light Box and/or provide familiar images for children who transition from Light Box to computer activities.

APH has digitized the individual art pieces from the APH Light Box Materials for use on your computer! The large print instruction guide teaches how to create activities. The artwork can be used with many commercially available authoring programs. Artwork files are in .png format. Includes a large print guidebook with a flash drive.

1-08691-00 $16.00



Dycem N

The Dycem® is a translucent mat that adheres to the Light Box or Mini-Lite Box Ledge, enabling light box materials to stick to the surface of the Dycem when viewing at an angle.

Mini-Lite Box
1-08658-00 $12.00

Light Box
1-08694-00 $13.00

Ledge Set N

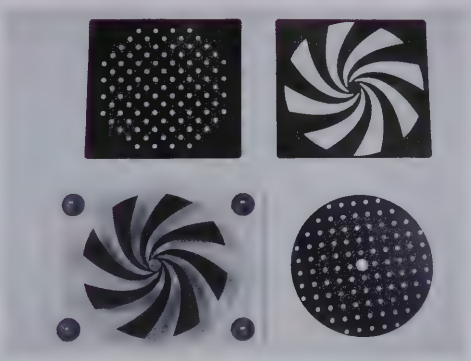
The Light Box and Mini-Lite Box ledges slide into place and help support bulkier light box materials (Swirly Mats, Bright Shapes Knob Puzzles, etc.) when a learner uses/views them at an angle. Set includes Dycem mat.

Mini-Lite Box
1-08657-00 $35.00

Light Box
1-08693-00 $42.00

Separate Sets Available from Light Box Materials Levels I and II

Each item is accompanied by sheets of activities grouped by skill. Can be used with Mini-Lite Box.



Plexiglass Spinner and Spinner Patterns

Spinner, made of clear plastic, is used with overlays to create highly contrasting, moving patterns to stimulate visual awareness and encourage attention and visually directed reaching. Suction cup feet hold the spinner base in place.

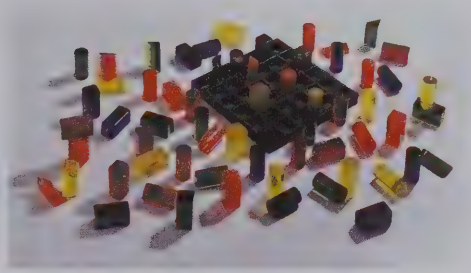
1-Ø8664-ØØ $88.ØØ



Plexiglass Blocks

Colored transparent and translucent geometric shapes in two sizes to create displays for attracting visual attention; encouraging visually directed reaching; matching by shape, size, and color; and for introducing spatial relationships. Thirty pieces in six colors and three shapes: circle, triangle, and square.

1-Ø8663-ØØ $43.ØØ



Pegs and Pegboard CVI

Fosters eye-hand coordination, awareness of spatial relationships, and matching and sequencing skills. Includes 64 colored translucent pegs in three shapes and five colors for use in or out of the included 6 x 6 grid pegboard.

1-Ø8665-ØØ $179.ØØ



Familiar Object Pictures CVI

Colored transparent pictures of 15 household objects are provided in pairs (3Ø cards total) for matching and identification. Pictures are silk-screened on clear 6 x 6 inch plastic stock.

1-Ø8666-ØØ $82.ØØ



Colored Shape Cards

Colored transparent and translucent pictures of geometric shapes for identification and matching by shape, color, and size. Thirty cards provided: two each of nine shapes, some in three sizes. Shapes are silk-screened on clear 4 x 4 inch plastic stock.

1-Ø8667-ØØ $54.ØØ



LED Mini-Lite Box sold separately.





Swirly Mats

Durable, non-toxic Swirly Mats come in three sets, each sold separately: Cortical Visual Impairment II, Functional Vision Assessment (FVA), and FVA II. The mats are useful for conducting functional vision assessments. All mats can be used for locating, tracking, color discrimination, etc. Try them with APH's LED Mini-Lite Box (sold separately) for a different effect. Each set includes assorted background mats, print and braille instructions, and a plastic carrying case.

Swirly Mats-FVA

FVA Mats come in Pink/Clear with Color Disks, Red/Yellow with Sea Life Confetti, and Green/Clear with Silver Heart Confetti.

1-08154-00 $55.00

Swirly Mats-FVA II

FVA II Mats come in Scarlet, White, Turquoise, and Orange.

1-08159-00 $99.00

Swirly Mats-CVI II

CVI II Mats come in Silver Reflective, Red with Confetti and Glitters, Yellow with Confetti and Glitters, and Black Discs.

1-08158-00 $84.00

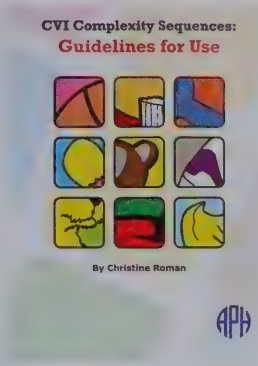
Note: Always provide adult supervision when using Swirly Mats/ Swirly Mats II with young children. Mats are completely sealed; however, in the event of a rupture, small pieces inside the mats may present a choking hazard. Liquids are non-toxic but will stain. Use caution.

CVI Complexity Sequences Kit

Includes cards that present sequences of images designed to refine the ability to identify a target in the presence of increasing amounts of background information. These cards may be used individually or as a sequence and should be presented against a black or plain, light-absorbing background.

Recommended grades: Preschool and up.

1-Ø8156-ØØ $62.ØØ



CVI Complexity Sequences eBook and Interactive Cards



CVI Complexity Sequences eBook and Interactive Cards have the same information and content as the CVI Complexity Sequences Kit. The eBook edition also includes an interactive feature: successfully touching the target image results in an audio response that acknowledges the action.

In addition to iPads, CVI Complexity Sequences eBook and Interactive Cards can be used on Macs and on PCs. At this time, the audio feature is not supported by all eReaders. To determine if an eReader supports the interactive feedback, ensure it supports EPUB 3.x format or newer.

Recommended grades: Preschool and up.

Note: This publication cannot be ordered directly using the APH Shopping Site. Please contact our customer service department on how to purchase. For more information about EPUB files, see page 194.

Quota or Non-Quota
D-Ø361Ø-ED $9.95

Non-Quota Available from iTunes® or iBooks®
D-Ø361Ø-ED $9.95

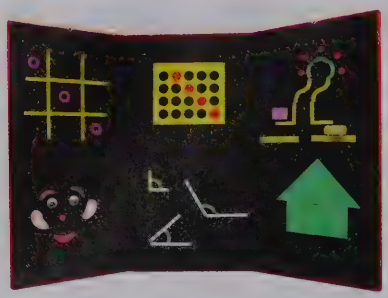
Invisiboard

Block out distractions for students with CVI. This portable, lightweight 48 x 3Ø inch tri-fold board eliminates visual clutter with a solid white, slick material on one side and a solid black, hook-and-loop material on the other. Includes carrying case and print/braille manual.

1-Ø8541-ØØ $152.ØØ



Note: Tic-Tac-Toe Accessory Kit and Invisiboard sold separately.



Note: Pieces shown are not included with the board. The Tri-fold Board is included as a component in Azer's Interactive Periodic Table Study Set.

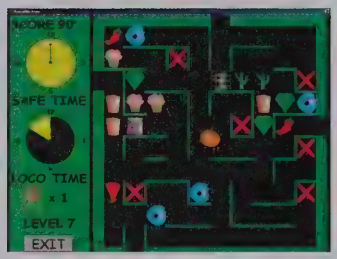
Tri-Fold Board

This board measures 37 x 24 inches and is covered with hook-and-loop material that can be used in combination with many existing APH hook-and-loop material-backed pieces, as well as with commercially available OR teacher/parent-made manipulatives. Two 3/4-inch nickel plated D-rings are riveted in the top for easy hanging.

1-Ø8859-ØØ $66.ØØ

APH Software for Windows System Requirements

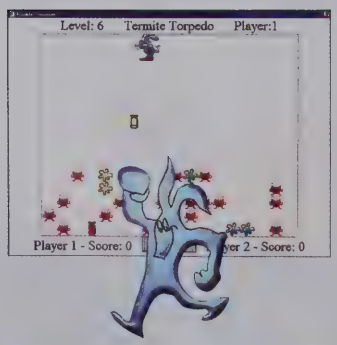
Requirements to run: PC running Windows® 7 or later. Software requires a sound card and speakers.



Armadillo Army™

The game has bright, large graphics, as well as meaningful sound elements. Low-vision users practice lateral eye movements, vertical eye movements, searching skills, timing skills, visual discrimination skills, peripheral detection skills, eccentric viewing skills, and eye-hand coordination.

Digital Download
D-Ø34ØØ-ED $39.ØØ



Termite Torpedo™

An educational game that gives students with low vision practice in the visual skills of locating, fixating, tracking, aligning, and following. Termites are eating their way through Woodville! Only you can save the city by clearing the playing field of 12 levels of termites!

Digital Download
D-Ø347Ø-ED $39.ØØ



Toodle Tiles™: Emmy's Town

Based on the matching game of Mahjong, the object is to clear away matching tiles and pave the way for the new mayor of Emuville. Features bright, high-contrast colors and simple designs in five different tile sets

Digital Download
D-ØØ3ØØ-ED $39.ØØ



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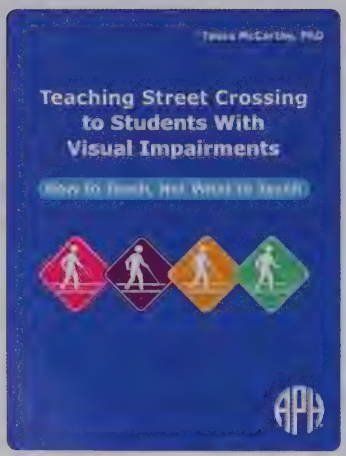
Crossings With No Traffic Control

This software provides simulation experiences and information that help instructors teach students to analyze situations at street crossings where there is no traffic control, including recognizing when they don't have enough warning of approaching vehicles ("Situations of Uncertainty").

Note: This software runs only on Microsoft Windows® compatible operating systems and devices.

Important Liability Notice: APH and author Dona Sauerburger, COMS, offer O&M Specialists this product to help students learn the concepts and skills necessary to analyze and negotiate crossings that have no traffic control. Before using this product with students, instructors must read the first section in Chapter One: How to Use this Product.

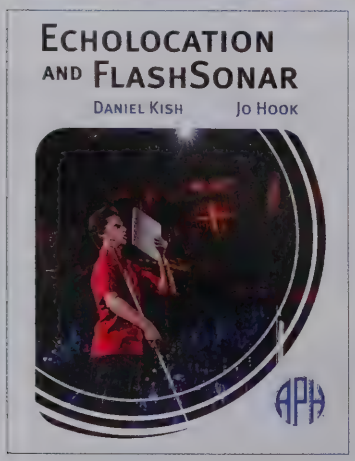
1-18988-ØØ $62.ØØ



Teaching Street Crossing to Students With Visual Impairments

This book provides information about teaching various components of street-crossing skills at appropriate ages/developmental levels; sequencing skills and environments; and using appropriate pedagogical strategies to enhance effectiveness of street-crossing instruction. Practical case examples and vignettes throughout the manual apply concepts to real-world scenarios.

8-75978-ØØ $27.ØØ



Echolocation and FlashSonar

This large print guidebook, written by Daniel Kish and Jo Hook, provides instructional strategies for teaching use of echolocation as a method of gaining information about space and objects/environmental features in the world around them.

Warning: FlashSonar skills should be used along with a human guide, dog guide, or cane.

8-75975-ØØ $77.ØØ

Tactile Town: 3-D O&M Kit



Tactile Town provides an interactive, 3-D model to help teach spatial concepts and environmental layouts. This Kit assists in the development of cognitive mapping skills by helping students organize their physical environment. Has a wide variety of components that can be easily customized or extended, Tactile Town is an ideal starter kit for instruction and reinforcement of mapping skills and concepts.

Recommended ages: 5 years and up.

1-Ø3135-ØØ $479.ØØ

Miniguide US



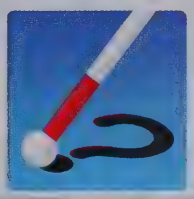
Uses ultrasound to detect objects, and gives tactual or auditory feedback by vibrating or chirping more rapidly as you approach an object. Ideal for use by people who are deafblind.

When used with a cane or dog guide, the Miniguide US can help find paths through crowds at ranges from 2Ø inches to 26 feet.

Warning: The Miniguide US should be used along with a human guide, dog guide, and/or cane because it does not detect drop-offs and does not provide sufficient information to ensure safety.

With Braille User's Guide
1-Ø7ØØ7-ØØ $545.ØØ

O&M Trivia



Available as an Amazon Alexa Skill or Google Action, O&M Trivia covers a variety of topics including cardinal directions, cane techniques and landmarks. The virtual assistant makes this content accessible in the home, classroom, or on the go!

Alexa Skill
D-Ø348Ø-AS FREE

Google Action
D-Ø348Ø-GA FREE





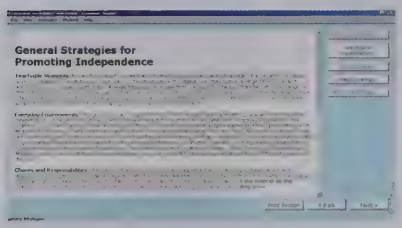
O&M Tactile Graphics

Helps teach orientation and mobility concepts (compass directions, clock locations, and navigating outside and inside).

Teacher's Guide gives basic ideas for lesson planning using the graphics, suggested concepts, and instructional hints.

Recommended ages: 8 years and up.

1-2Ø1ØØ-ØØ $46.ØØ



O&M Family Booklet Software

O&M Family Booklet software from APH is designed for O&M professionals. Let the software do the work for you – just type or select what you want the family to understand.

Digital Download
D-Ø348Ø-ED $5Ø.ØØ



One of over 19Ø video clips: Boarding a train when using a scooter

Orientation & Mobility for Wheelchair Users With Visual Impairment or Blindness

This web-based publication helps O&M instructors learn how to train students who are wheelchair users to travel safely and effectively. It shares techniques and strategies that are proven successful with clients/students in the rehabilitation setting. Needs an internet connection, works on Windows® and Mac® operating systems, and iOS devices.

Note: This online publication cannot be ordered directly using the APH Shopping Site. Please contact APH Customer Service.
D-Ø349Ø-ED $4.99

Picture Maker

These picture-making kits can be used for numerous educational and recreational activities! Use optional products for more possibilities.



Picture Maker: Wheatley Tactile Diagramming Kit

This fun, colorful tactile board includes a felt covered board measuring 2Ø 3/4 x 13 inches, and a wide variety of hook-and-loop material-backed pieces that attach to the board in an infinite number of patterns. Features over 1ØØ pieces in many shapes, sizes, textures, and colors. Extra hook-and-loop material provided for helping to create additional tactile pieces. The large print/braille guidebook has suggestions and example layouts.

1-Ø8838-ØØ $159.ØØ



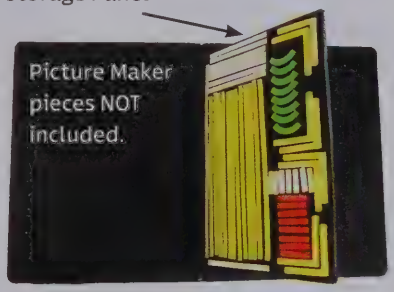
Picture Maker felt board NOT included with Textured Strips.

Textured Strips

Provides additional textured diagramming strips for use with Picture Maker. Strips are different in texture, number, color, and size from those included in the original kit. These strips can be used to represent different map features.

1-Ø8838-Ø2 $71.ØØ

Storage Panel



Storage Panel

Store unused Picture Maker pieces so the entire main Picture Maker board can be used for diagramming purposes. The 8 1/2 x 11 inch panel is double-sided with soft black hook-and-loop material, 3-hole punched edge, and customer-applied hook-and-loop material tabs.

1-Ø8838-Ø3 $2Ø.ØØ



Some parts you receive may vary slightly from those depicted in photos. Felt board is NOT included.

Geometric Textured Shapes

Provides additional hook-and-loop material-backed textured shapes for use with APH's Picture Maker. Use in combination with the diagramming strips and shapes included in the original kit. Can also be used with APH's All-In-One Board (Magnetic/Hook-and-Loop Material/Dry Erase).

1-Ø8838-Ø1 $69.ØØ



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PageBlaster N





APH has partnered with HumanWare to bring an embosser to Quota for the first time ever. Meet PageBlaster™, a powerful braille embosser for continuous fanfold paper.

The tractor-fed design provides smooth paper handling and produces double-sided interpoint braille. Use PageBlaster to emboss PRN files from APH's Tactile Graphics Image Library or create your own using the included Firebird tactile graphics software.

Note: The APH website contains detailed and thorough embosser set-up and other training tutorial videos to help make using your embosser in the classroom or at home as easy and efficient as possible. Helpful FAQ's and a link to purchase an optional acoustic hood to reduce noise can also be found on the website.

Quota

1-08075-00 $3,995.00

PixBlaster N





APH has partnered with ViewPlus Technologies to make an embosser available with Quota funds for the first time ever!

PixBlaster™ easily produces double-sided interpoint braille with smooth, rounded dots for improved readability along with industry-leading, high-quality tactile graphics with seven variable dot heights for color representation. Connect to WiFi to translate and emboss documents on the fly from your computer or mobile device using the included PIXie box.

Note: The APH website contains detailed and thorough embosser set-up and other training tutorial videos to help make using your embosser in the classroom or at home as easy and efficient as possible. Helpful FAQ's and a link to register for a product warranty and a TSS activation number can also be found on the website.

Quota

1-08070-00 $3,995.00







Mantis Q4Ø N UEB PARTS

Keep braille at your fingertips anytime, anywhere with the Mantis™ Q4Ø: a Bluetooth® keyboard and 4Ø-cell refreshable braille display.

With the Mantis Q4Ø, users no longer need to choose between a keyboard or a braille device – at the same time a student or professional is typing on the Mantis, the refreshable braille below the keyboard is providing a multimodal braille complement to the screen reader, making it easier to participate in, and succeed at school or work.

Contains the following built-in applications:

- Basic editor to function as a user's pen and paper
- Book reader to download and read books in braille
- Calculator to perform basic mathematical calculations
- Clock to check the date and time
- File manager to organize one's work
- HumanWare signature thumb keys and home button
- 15 hours of rechargeable, removable battery life
- 16 GB of internal storage
- SD card slot and USB host port for flash drives
- Compatible with:
 - Windows 8 and above using JAWS 18+, NVDA, and Narrator
 - MacOS 1Ø.15.+ Catalina
 - iOS 13.5.1+

1-Ø847Ø-ØØ

Quota $1,995.ØØ

Non-Quota $2,495.ØØ



Mantis Q4Ø: Executive Leather Case N

APH and Executive Products, Inc. (EPI) have partnered to continue the tradition of creating functional, durable, and beautiful fitted cases. This new, luxury leather case was designed specifically for the Mantis Q4Ø and made in the USA.

1-Ø8469-ØØ $119.ØØ

Chameleon 2Ø N UEB



The Chameleon's™ 2Ø-cell refreshable braille display and Perkins-style keyboard provide a comfortable reading and writing experience. Superior internal intelligence and multiple modes of connectivity allow students to use the Chameleon as a stand-alone notetaker, or as a braille display to edit assignments on the computer.

Contains the following built-in applications:

- Basic editor to function as a user's pen and paper
- Book reader to download and read books in braille
- Calculator to perform basic mathematical calculations
- Clock to check the date and time

Compatible with:

- Windows 8 and above using JAWS 18+, NVDA, and Narrator
- MacOS 1Ø.15.+ Catalina
- iOS 13.5.1+

Note: For international orders, please, contact our partner, HumanWare.

1-Ø8471-ØØ $1,295.ØØ

KNFB Reader Enterprise and Portable Scanning Stand N





The KNFB Reader Enterprise and Portable Scanning Stand utilizes your phone, or other devices, and an OCR (optical character recognition) app to read print materials. Simply create an account, sign in on the app, and place a phone or device on the portable stand. The stand perfectly aligns the device camera to ensure an optimal picture is taken. Once a document is positioned underneath the device's camera view, a picture is taken and the text is read aloud. If someone is scanning a chapter of a textbook or multiple pages in a row, KNFB Reader and Portable Stand greatly simplifies the process of scanning one photo after another.

Note: Please refer to the APH website for links to this product's operational instructions and instructional videos.

Quota

1-Ø835Ø-ØØ $119.ØØ



American Printing House INNOVATIONS

TactPlus Printer

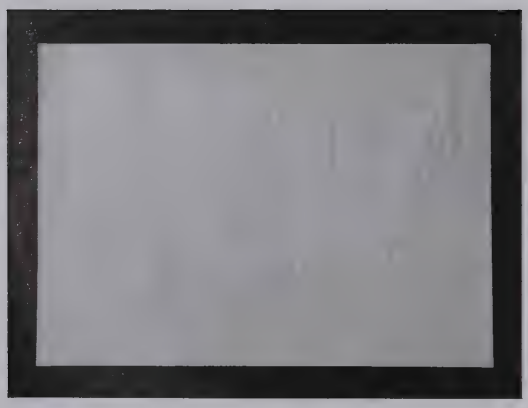
Perfect for the home, office, or classroom, the TactPlus Printer offers a revolutionary design driven by thermal printing. This technology enables 3-D images to be printed from a single device at an affordable price.

TactPlus can only be used with its specialized paper. Similar to swell paper, this fine, thermal, foamed capsule paper is heated by the TactPlus Printer, printing braille and graphics in one easy step.

Note: TactPlus Printer and other products on the APH Innovations line are not available for purchase with Quota funds. Custom TactPlus Printer Paper is available separately or can be purchased in a bundle with the TactPlus Printer.

Non-Quota

Printer
1-08060-00 $1,400.00 + shipping



TactPlus Printer Paper

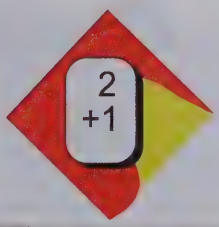
Similar to swell paper, this fine, thermal, foamed capsule paper is heated by the TactPlus Printer, printing braille and graphics in one easy step.

- Measures just under 8 1/2 x 11 standard copy paper
- 1,000 sheets/pack

Non-Quota
1-08061-00 $1,100.00 + shipping

These products require special handling.
They cannot be directly ordered online.
Please, call us at 1-800-223-1839 to initiate an order.

Math Flash



Based on the popular Math Flash™ software that combines math flash cards with fun audio feedback and a snarky personality. When triggered, Math Flash will allow students to practice math facts on compatible devices. You may choose from three difficulty levels and select which math operations you would like to focus on (addition, subtraction, multiplication, or division).



Recommended ages: All.

Alexa Skill
D-1991Ø-AS
FREE

Google Action
D-3ØØ28-AP
FREE

Flip-Over FACES App

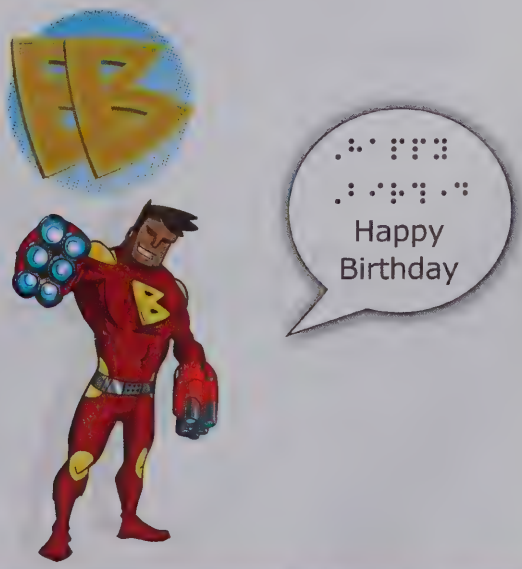


This app enables a child to casually explore facial expressions within a fun and versatile context. Designed for students with low vision and a cognitive level of five years of age or older, Flip-Over FACES can also be used with students with additional disabilities, such as autism and language delays. How-to instructions, with or without VoiceOver/TalkBack, are also available.

Download the Flip-Over FACES App for This app is available only on the App Store for iPhone and iPad at:
itunes.apple.com/us/app/flip-over-faces/id13Ø37Ø353Ø
or for Android at
play.google.com/store/apps/details?id=org.aph.flipOverFaces.

FREE

Braille Badges UEB



APH Braille Badges are for iMessage®! This fun, accessible sticker pack is great for sharing.

Available from the App Store: **itunes.apple.com/us/app/braille-badges/id1173Ø3989?ls=1&mt=8**

FREE



MATT Connect

The MATT Connect™ is a magnifier, distance viewer, and an educational tablet with pre-loaded software – all in one device!

Students can magnify a print document or read a book from an online library and have the ability to conduct internet research, view a distant or connected smartboard, while writing and emailing assignments. The 12-inch HD touchscreen is lightweight, sturdy, and extremely portable with removable stand.

The MATT Connect is available with Quota funds.

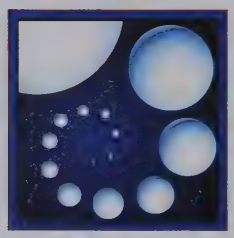
1-03941-00 $2,995.00 + shipping



Jupiter Portable Magnifier™

Whether it's in the classroom, workplace, or at home - this powerful HD magnifier allows you to continue those activities that bring joy to everyday life, while exploring new opportunities for lifelong education. This easy-to-use, yet powerful magnifier features reading, distance, and self-view modes with over 30 contrasting colors, an LED screen, and much more!

1-00370-00 $3,200.00 + shipping



BrailleBlaster

BrailleBlaster® software is a revolutionary new tool for braille transcribers and others who need to produce high-quality braille material. It takes advantage of the rich markup contained in NIMAS (National Instructional Materials Accessibility Standard) and EPUB files to automate basic translation and formatting, and to make advanced tasks quicker and easier. Designed primarily for editing braille textbooks that meet the specifications published by BANA, the purpose of BrailleBlaster is to help braille producers ensure that students have the necessary textbooks on the first day of class.

Opens NIMAS XML, EPUB, HTML, and DOCX files

Download from: **brailleblaster.org**

FREE

Braille Trail Reader LE



Be on the move with braille at your fingertips. Reach into your purse or pocket for a compact braille display instead of your phone.

The Braille Trail Reader LE is a customized version of HumanWare's Brailliant BI 14 braille display. The proprietary Braille Trail Reader File Transfer Windows® App enables the busy braille reader to sync files between the display and other devices. You can take notes, create, edit, and read text and braille files, and avoid "octopus syndrome" by relying on this one device while you are out and about. Utilize braille instead of audio for the privacy and convenience you need! The Braille Trail Reader is the perfect portable note-taking device for work and leisure.

Visit **braillebug.org** for additional resources, including more information about braille literacy, and engaging and inclusive student activities, and to order a complementary classroom kit.

1-07421-00 $995.00 + shipping

JAWS and ZoomText Annual Student License

APH and Vispero® partnered to make the world's most popular screen reader (JAWS®) and screen magnifier (ZoomText®) software available to APH customers at lower prices!

Using the new Software License Portal, teachers and administrators can manage their licenses and move them between computers. Licenses are registered directly to an email address. Software can be installed on all versions of Windows® 7, 8, and 10.

JAWS (Job Access with Speech)

JAWS®
SCREEN READER

For only $90 per annual subscription, students who are blind and visually impaired can easily navigate, read and write documents, and create presentations from their school PC or from home. JAWS provides speech and braille output for the most popular computer applications.

D-11002-ED $90.00

ZoomText

ZoomText
MAGNIFIER WITH SPEECH

For only $80 per annual subscription, students with low vision can enlarge and enhance everything on their computer screen. ZoomText also echoes your typing and essential program activity, and automatically reads documents, web pages, and email.

D-11003-ED $80.00



Digital Talking Book Cartridge

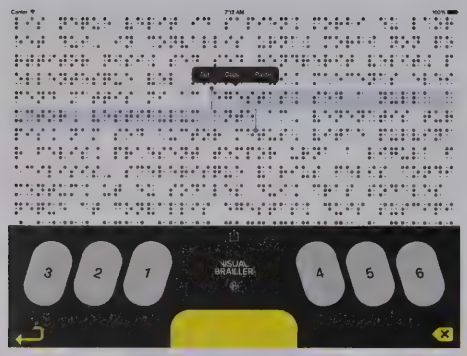
This 4GB blank cartridge is for use with the National Library Service (NLS) Digital Talking Book Players and the APH Joy Player. Connect this cartridge to your PC via a USB cable (purchased separately) to download NLS books. Connect the Joy Player's USB cable (included) to download WAV and MP3 files.

Also available are Digital Cartridge Mailers that hold one cartridge for storage or mailing. Has a slot for a mailing label.

For more information about NLS digital talking books, **loc.gov/nls/digital.html**

Non-Quota

1-Ø26Ø9-ØØ $13.ØØ



Visual Brailler UEB

Visual Brailler™ is a braillewriter app for your iPad®. It displays a traditional six-dot keyboard and simulated braille on your iPad screen. You can edit and save your work. Visual Brailler supports any code you wish to use, because it makes no assumptions about what you are writing.

Visual Brailler also works with Bluetooth refreshable braille displays with keyboards.

Search on The App Store to download.

FREE

Book Wizard Reader and Producer Software

Book Wizard™ Reader lets you read a wide variety of types of digital talking books.

Book Wizard Producer has all the features of Reader, but adds the ability to create digital talking books on your PC. The program adheres to the DAISY/NISO 2002 definitions and provides users with enhanced ability to control and navigate through both structured and unstructured audio files. Producer is compatible with source input of either a narrator who reads directly into the program or an imported audio file created from another source.

Book Wizard Reader

Digital Download
D-03531-ED $39.00

Book Wizard Producer

Digital Download
D-03530-ED $200.00

Headphones

Compatible with APH technology products. A stereo to mono adapter plug is required to use these headphones with older monaural players. Both have 3.5mm plugs.

Private Phones
1-07088-00 $17.00

Stereo Headphones
1-18986-01 $14.50

Both include volume control.





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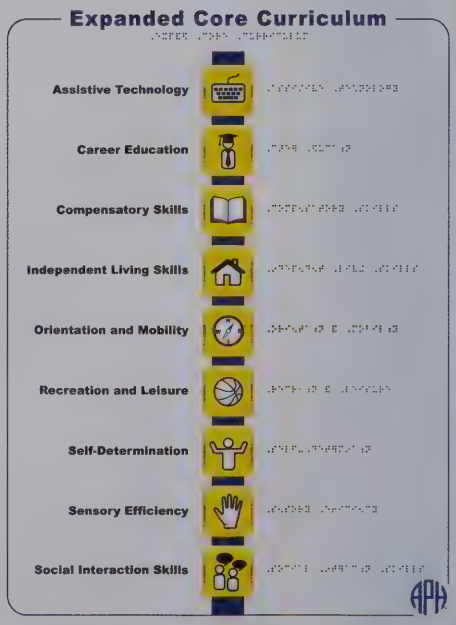
ECC Icon Poster

The ECC Icon Poster is a wall-sized print/tactile poster that lists the Expanded Core Curriculum skills important for the specialized instruction of students who are blind and visually impaired. Each skill area is represented with a tactile/print icon and print/braille description.

The poster is complemented by a separate 2-page large print flyer (with a separate braille version) that provides a very detailed description of each ECC skill area. The content of this flyer was reprinted, with minor modifications, with permission from the Texas School for the Blind and Visually Impaired.

The ECC Icon Poster measures 18 1/2 x 22 1/2 inches and has a die-cut hole for convenient hanging in a classroom setting.

1-08205-00 $56.00

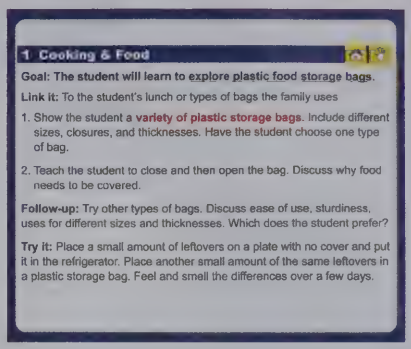


Quick & Easy Expanded Core Curriculum: The Hatlen Center Guide

Designed for transition-age students who are visually impaired. The lessons, categorized by setting (home/school or community), are intentionally designed to be completed in 5–15 minutes. They are not designed to replace a comprehensive program addressing the ECC.

Note: The entire binder contents are only available as a braille ready format (.brf) file.

1-08204-00 $39.00


1 Cooking & Food

Goal: The student will learn to explore plastic food storage bags.

Link it: To the student's lunch or types of bags the family uses

1. Show the student a **variety of plastic storage bags.** Include different sizes, closures, and thicknesses. Have the student choose one type of bag.
2. Teach the student to close and then open the bag. Discuss why food needs to be covered.

Follow-up: Try other types of bags. Discuss ease of use, sturdiness, uses for different sizes and thicknesses. Which does the student prefer?

Try it: Place a small amount of leftovers on a plate with no cover and put it in the refrigerator. Place another small amount of the same leftovers in a plastic storage bag. Feel and smell the differences over a few days.

ECC lesson card

Transition Tote System Backpack

This attractive, sturdy backpack is a perfect solution for organizing and transporting equipment and tools used by students and professionals. Designed to serve the changing needs of persons with visual impairments as they proceed through school, transition and vision rehabilitation programs, and into the adult world.



Features

- Key ring attached by hook-and-loop fastener
- 3 pen/marker/stylus holders
- Slate/magnifier pocket
- Zippered change pocket
- Cell phone/PDA pocket with hook-and-loop closure
- Back padded compartment with adjustable hook-and-loop strap protects a laptop or similar device
- Back panel with pockets for storing media
- Front panel with 3 padded pockets for electronic items

1-08211-00 $49.00

Self-Determination



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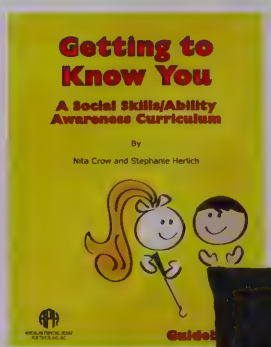
Sensory Learning Kit 39

Teen Scene: Portraits of Success Video 138

Getting To Know You

The Getting to Know You curriculum is divided into three groups: kindergarten through second grade, third through fifth grade, and middle/high school, and is designed for TVIs, O&M specialists, other related service personnel, general education teachers, and families. Lessons take 30–45 minutes to complete. Each lesson contains a clearly stated objective, skills addressed, an introduction, a list of materials needed, and a step-by-step explanation of the activities.

1-08052-00 $252.00





Kit also includes the APH Innovations Tote Bag

Daily Living and Social Interaction





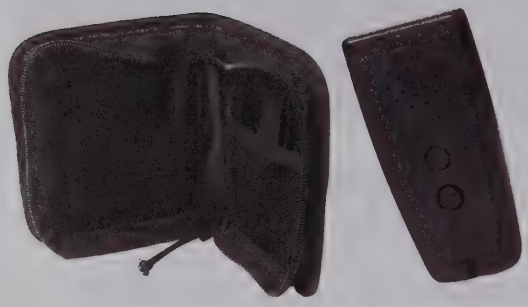
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American Printing House
INNOVATIONS

Sunu Band

Used as a supplement to the white cane, the Sunu® Band is a modern and sleek, smart mobility wristband that uses navigation sensors and haptic feedback to detect and alert you to obstacles up to 14 ft. away. Controlled by using finger gestures on its touch panel and through the free Sunu App available on iPhone® or Android™; users can also tell time, set vibratory alarms, and track physical activity. Warning: The Sunu Band is not a regulated safety device, and should not be used as a replacement of existing visual aid systems.

Sunu Band and other APH Innovations products are not available for purchase with Quota funds.

1-Ø3140-ØØ $299.ØØ

Colorino Talking Color Identifier

This simple talking color identifier is a small, hand-held unit that is easy to operate using only two buttons. The Colorino can detect more than 1ØØ nuances of color and be used as a light detector. Uses 2 AAA batteries (included) and comes with a carrying case; cassette; large print and braille quick start instructions; and a one year warranty.

Non-Quota

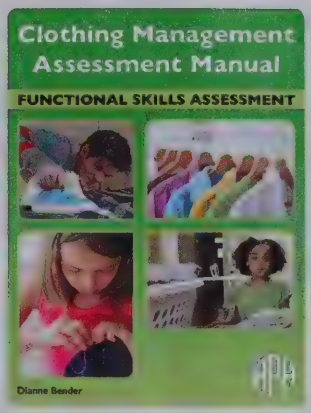
1-Ø3955-ØØ $227.ØØ

Functional Skills Assessment

The Functional Skills Assessment (FSA) is a tool used to evaluate daily living skills for students at all levels. Broken into modules, FSA covers a number of skills within four facets of independent living: Clothing, Food, Home, and Self Management. Online scoring pages are available at **funcsk.aphtech.org**. Users can unlock the forms using a code published inside the manuals.

Student Assignment files are provided online in both .brf and .docx formats. Assessment Manuals are also provided online as .brf files.

Recommended grades: Grades K–12.



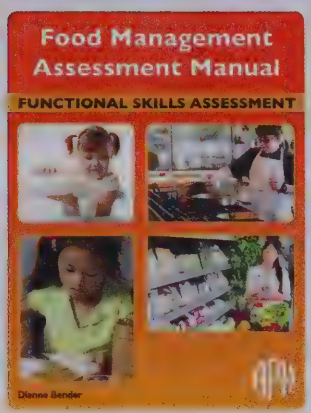
Clothing

The Clothing Management module covers clothing storage, laundering, sewing, and more.

Print Manual
7-08232-01 $59.00

Print Scoring Book
7-08233-00 $68.00

Braille Manual
5-08232-01 FREE Download



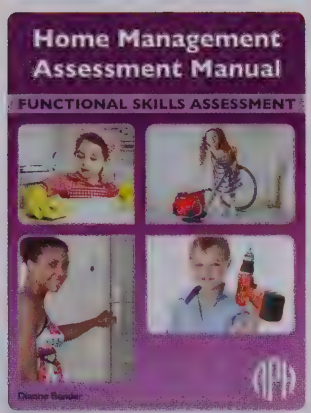
Food

The Food Management Assessment module covers cooking tools and utensils, menu planning, food preparation, and more.

Print Manual
7-08232-02 $87.00

Print Scoring Book
7-08234-00 $75.00

Braille Manual
5-08232-02 FREE Download



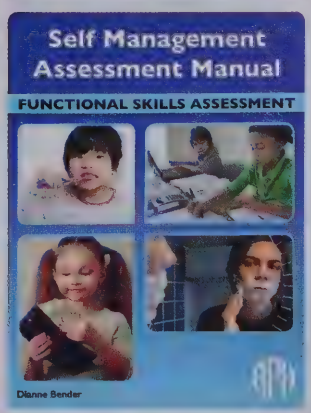
Home

The Home Management Assessment module covers organizing surfaces and materials, household chores, home safety practices, and more.

Print Manual
7-08232-03 $48.00

Print Scoring Book
7-08235-00 $52.00

Braille Manual
5-08232-03 FREE Download



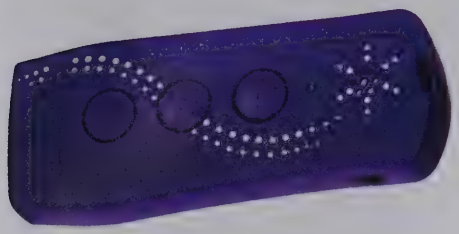
Self

The Self Management Assessment module covers grooming, social skills, consumer skills, and more.

Print Manual
7-08232-04 $57.00

Print Scoring Book
7-08236-00 $58.00

Braille Manual
5-08232-04 FREE Download

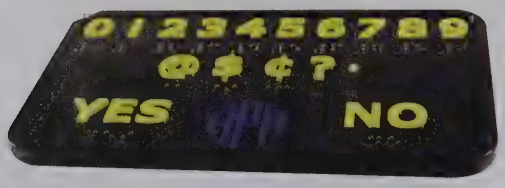


Color Star

Color Star is a powerful color identifier. It recognizes more than 1,ØØØ different color shades, identifies contrast measurements, recognizes the color of LED lights, perceives the light intensity in the surrounding environment, and recognizes patterns – all with clear spoken voice output.

1-Ø3952-ØØ $449.ØØ



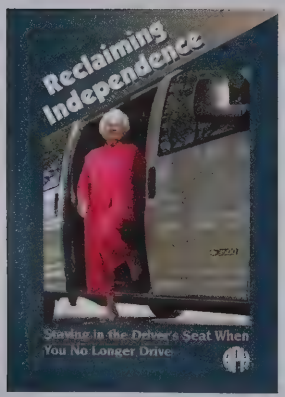


DeafBlind Pocket Communicator (DBPC)

Durable, washable, and easily fits in your pocket or bag. The breakaway lanyard option gives you quick access. The DeafBlind Pocket Communicator is two-sided. The smooth side for numbers and the matte side for letters lets you know at first touch which side you need to use to chat with someone.

Communication cards can be helpful when using the DBPC with people at a coffee shop or in a store. Sample messages might include: "How much does this cost?" or "Use my finger to show me the answers on this device." Feel free to design your own communication cards to meet your unique needs.

1-16999-ØØ $16.ØØ

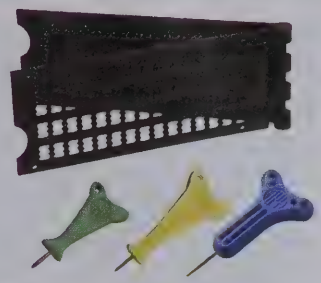


Reclaiming Independence: Staying in The Driver's Seat When You No Longer Drive Video

Useful for both individuals and professionals, this video/resource guide will help you successfully use rehabilitation and transportation resources. Real people share their stories as they make the transition from driver to non-driver. Includes a narrated version of the Resource Guide. Closed captioned.

1-3ØØ2Ø-DVD $3Ø.ØØ

Minibook Braille Quick-Note Products



Helps braille users jot notes quickly!

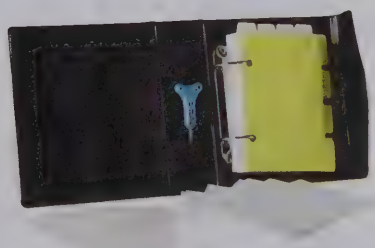
- MiniBook Slate with Styluses: This tiny slate has four lines, 15 cells per line. The cells have side indentations, making it easy to find the dot you want to make. It comes with three styluses: saddle, tall flat, and short flat. Choose the one that fits your hand most comfortably.
- Mini Spiral Notebook (2-pk): The Mini Spiral Notebook includes 50 pages perforated for easy removal. Fasten the slate to the first blank page, then when you pull the notebook out of your pocket, you're ready to write!



Minibook Slate With Styluses
1-07850-00 $17.00

Mini Spiral Notebook
1-07853-00 $6.00

Braille Datebook, 2022 R PARTS

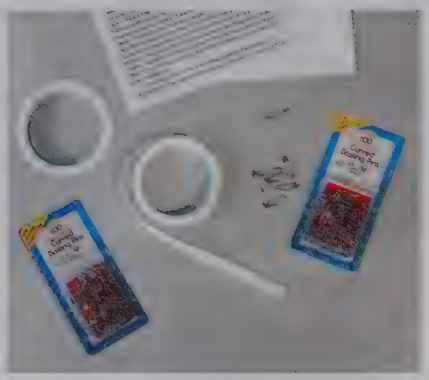


The Braille DateBook from APH is an attractive planner/organizer designed specifically for braille users! Use it at your desk or on the go; it is sturdy, compact, and fits in a backpack or briefcase.

The punched, tabbed calendar pages are made of durable yellow plastic. The twelve brailled calendar tab pages cover one year.

Datebook
1-07899-22 $105.00

Calendar Pages Only
1-07898-22 $15.00



Tactile Clothing Tape

Allows braille readers to keep colors and other information about their clothing and linens exactly where they need it: attached to the item and ready to be read. The brailled information remains clean and readable after going through automatic washers and dryers, and even holds up under an iron as long as a layer of fabric is kept between the iron and the label!

Warning: This product contains safety pins. DO NOT use with children under 12 years unless directly supervised.

1-07420-00 $35.00



EZ Test Battery Tester

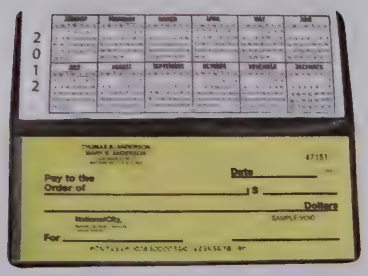
APH offers two versions of the EZ Test Battery Tester:

- The Audible EZ Test reports battery status by beeps
- The Audible/Tactile EZ Test reports battery status by vibrations and beeps

A flexible testing wire allows for testing of 1.5 volt batteries, including AAA, AA, C, and D batteries. Also included are two contacts for testing 9 volt batteries.

Audio Feedback
1-03968-00 $62.00

Audio/Tactile Feedback
1-03969-00 $78.00



Money Handling and Budgeting

Resource guide with an adapted practice checkbook that helps students learn vital money handling skills.

Recommended ages: 11 years and up.

Print
1-83080-00 $48.00

Braille
1-83081-00 $56.00

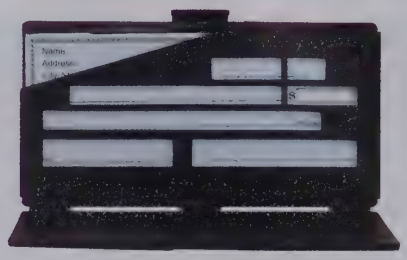


Money Talks™ Software

Accessible and flexible bank account management software that provides printing and braille embossing of the check register, and writing checks in a variety of sizes and styles. Requires a PC running Windows® 7 or later.

Digital Download
D-03560-ED $39.00

Keitzer Check Writing Guide



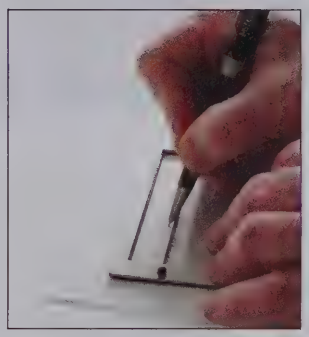
A flexible, durable, polyethylene guide that will hold any standard check. A slant is located at the upper left corner for orientation. This guide allows you to feel the locations of the various blanks on a standard sized check and write in the correct areas.

The closed guide measures 3 1/2 x 6 1/4 inches and easily fits in a shirt pocket or purse. It works with checks that are standard size and have a standard layout.

1-03528-00 $10.00

1-03528-VET Call about our special offer for veterans.

APH Signature Guide



This small, pocket-sized frame has an opening with an elastic band. The band provides a guide for writing and flexes to allow for the descenders of letters. Guide is made of aluminum with a rubber backing to prevent sliding.

Recommended ages: 8 years and up.

1-03530-01 $13.00

Push Button Padlock

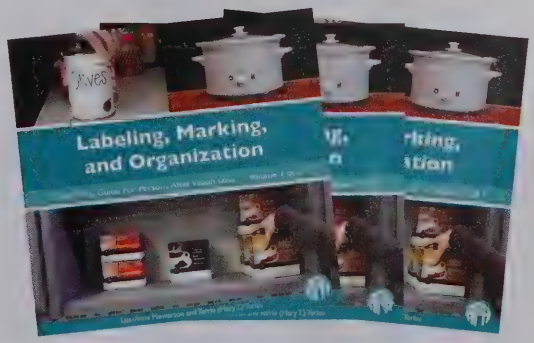


Each lock comes with two large print/braille cards listing the combination, along with large print and braille instructions. Buttons eliminate the worry of losing a key.

Non-Quota

1-03990-01 $22.00

Labeling, Marking, and Organization: A Self-Help Guide for Persons After Vision Loss



If you are tired of opening apricots instead of tomatoes, wearing your navy shirt with black slacks, or floundering through files when trying to find your utility bill, then Labeling, Marking, and Organization may be the book you need! It contains practice activities that help you develop new ways to identify items with labels you can no longer read.

Recommended ages: 14 years and up.

Large Print
7-08870-00 $69.00

EZ Track Products

EZ Track is a multi-faceted line of low vision products to help you get organized...and stay that way! Designed for people with low vision, EZ Track products utilize large print of at least 18 points, easy-to-use binder formatting, and special accessories as aids in organizing important day-to-day activities.

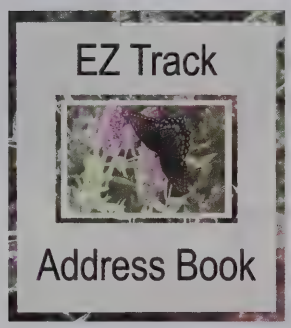


Calendar: A Low Vision Appointment Book and Calendar R

This calendar offers a systematic and organized way of keeping track of appointments, holidays, and other events. Each large print page holds four days, with enough room to write notes and appointments. The calendar comes with a 3 ring binder.

With Binder
1-07900-22 $TBA

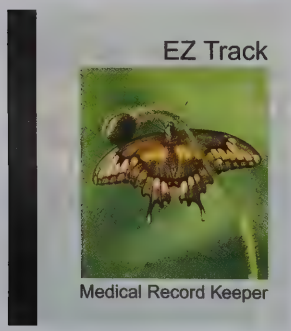
Inserts Only, No Binder
1-07901-22 $TBA



Address Book PARTS

Large print address book holds 200 addresses. Includes a plastic template for easy entry. Large alphabet tabs make names easy to find in the 3-ring binder.

1-07910-00 $69.00

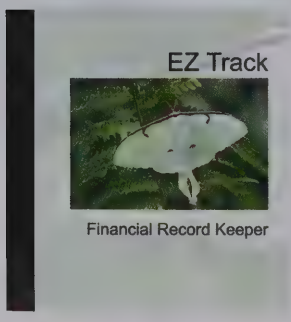


Medical Record Keeper

Large print organizational tool for keeping medical records. Provides a system for storing and organizing information on personal identification, medical history, insurance, medications, physicians, and other medical records. Printed non-glare paper, with 22-point black type.

Includes a 3-ring binder, folders, and tab pages.

1-07930-00 $109.00



Financial Record Keeper PARTS

Large print system for keeping track of information about banking, utilities, income, taxes, insurance, mortgages, investments, retirement plans, and much more! Information is stored in tabbed sections. Stored in a 3-ring binder and includes large print Check Register, storage pouch, three storage folders, and a user's guide.

1-07920-00 $125.00



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American Printing House

Audiojack N INNOVATIONS

Start your audio adventure with Audiojack – an audio-based movie comprised only of sound designs that, together, tell a story for your imagination!

Appropriate for young students to older adults, Audiojack is perfect for creative, fun, educational, medical, and therapeutic settings. Audiojack promotes mindfulness, allowing your imagination and memory to converge as you start to build your own story based on what you hear.

Get started with a monthly or annual subscription for your home, classroom, school building, or school district. Subscribe to a single user or multi-user group plan today and receive instant access to the complete library of Audiojacks. Your subscription includes access to a full list of Audiojack Activities. Subscribers also have the flexibility to log in and use their account on the Audiojack mobile app and web app.

Note: Audiojack is part of the APH Innovations product line, and is not available for purchase with Federal Quota funds.

D-19915-OL
$2.99 monthly subscription
$14.99 annual subscription





Braille/Print Spinners N UEB

These two unique spinners—**Alphabet** (A-Z) and **Number** (numbers 1-6)—provide fun accessory options for teacher- and student-created games and recreational activities. Featuring high-contrast print and braille letters and numbers, as well as a fun spinning sound and a distinct tactile pointer, these two spinners can be used by students and adults of all ages. Give them both a "spin" for all sorts of games or use them for general braille awareness and learning opportunities.

Note: Both spinners are included with APH's Hop-A-Dot Mat.

Alphabet Spinner
1-Ø8818-ØØ $23.ØØ

Number Spinner
1-Ø8817-ØØ $23.ØØ

Finger Walks N





This diverse collection of finger labyrinths invites you to focus your mind's eye as you concentrate on traversing their twists and turns.

For ages 8 and up, these tactile patterns can help you develop the sense of touch, clear and settle the mind, and experience calming, rhythmic movements.

Features

- Labyrinths that allow students to experience different sensations and rhythms
- Designs that span over 4,ØØØ years and five continents
- Different shapes and path widths that require varying amounts of concentration to complete
- Paths that are angular, round, allow for broad, sweeping movements, or are full of sharp, short switches in direction
- 1ØØ% of TVI field testers found Finger Walks to be a great tool to practice tracking, hand movement, and other tactile reading skills

Quota

1-Ø2850-ØØ $139.ØØ

Color Raceway Kit



Color Raceway utilizes the characteristics of color, movement, and low to high complexity, encouraging players to use their vision in a functional and fun way. Use this game to increase orientation and mobility skills, color awareness, and positive social interaction skills (sharing, taking turns with others).

Teachers and parents may use Color Raceway's kit of accessories to design an individual game board for each player, building upon players' individual strengths and assisting parents/teachers in understanding the level of materials with which players are most successful.

1-Ø8461-ØØ $118.ØØ



Hop-A-Dot Mat PARTS

Hop-A-Dot Mat encourages young braille readers to acquire and demonstrate their knowledge of the braille cell configuration, braille alphabet letters, one-cell contractions, and numbers through movement.

This product's related games and activities address many skills and concepts needed by students with visual impairments and blindness including, the following:

- Social interaction skills
- Self-expression and creativity
- Physical activity
- Body awareness/coordination
- Tactile discrimination
- Spatial concepts

1-08819-00 $229.00



Touch 'Em All Baseball

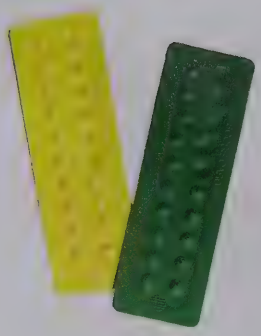
Touch 'em All Baseball is easy to learn. You'll need to be familiar with the basic rules of baseball, but you don't need a lot of expertise to enjoy this game.

The Teacher's Kit (sold separately) provides suggestions for using Touch 'em All Baseball with students, not only to teach about baseball but to develop other skills. This kit includes a set of tactile/print "stick figure" diagrams, and suggested physical activities that correspond to the images.

Recommended ages: 8 years and up.

Game
1-08101-00 $233.00

Teacher's Kit
7-08101-00 $31.00



Score Card Set

Generic Score Card made of durable plastic. Has twenty buttons in two rows of ten. Push down on a button to register one event. Pop up buttons to clear. Includes one yellow and one green card. Instructions in print and braille.

Recommended ages: All.

1-17001-00 $28.00

Talking GlowDice



Push the Roll button and a randomly generated number between one and six is announced in digital speech, and the corresponding number is displayed in bright blue LEDs.

Takes 4 AAA batteries (not included).

1-07500-00 $33.00

Game Kit



A collection of common game parts designed for use by players who are visually impaired and blind. Parts can be used to play games from the included handbook, to adapt commercial games, or to create new games. Use to build social skills or to review school subjects.

Recommended ages: 5 years and up.

1-08440-00 $299.00

Web Chase

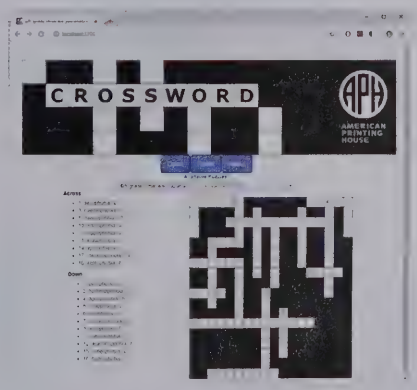


An originally designed board game by APH that is intended to develop important tactile skills within a fun, recreational context. As players navigate their hungry spiders through an insect-laden web, they learn to trace various raised lines, identify point symbols, and discriminate textures and shapes.

Recommended ages: 5 years and up.

1-08460-00 $359.00

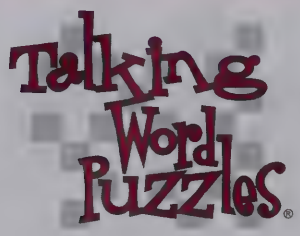
Crossword



Now individuals who are blind and visually impaired can enjoy solving crossword puzzles on their computer!

Crossword is an accessible, cross-platform web app for solving digital crossword puzzles. This free download is compatible with most browsers and screen readers.

D-19912-0l FREE



Talking Word Puzzles® Software

Create or solve hidden word and crossword puzzles in large print. As the player navigates through the puzzle, the program announces the contents of that square.

Find detailed software purchasing instructions on page 193.
Requires Windows® 7 or later.

Recommended ages: All.

Digital Download
D-03440-ED $39.00



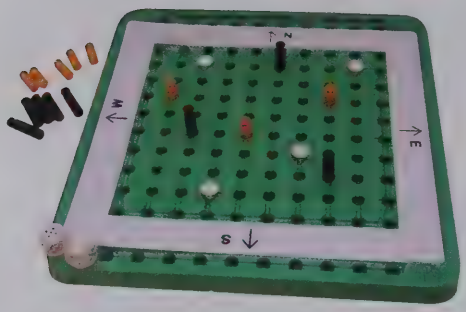
Slide, Twist 'N Solve: Tactile Brain Teaser

The attached pieces of this accessible puzzle easily slide and twist. Raised tactile patterns make it easy to identify various patterns; high contrast colors make it ideal for those with low vision. Compare your results to the solution key on the back!

Recommended ages: 6 years and up.

Non-Quota

1-03991-00 $16.00



TREKS: The Game of Compass Directions

The goal of the game is to be the first player to move your pieces across the board from your home row into the opponent's home row. Change the game to make the play simpler or add rules to make it more complex.

The kit includes a game board, tactually and visually contrasting treksters, rules and variations booklet in large print and braille, and a set of tactile dice.

Recommended ages: 8 years and up.

1-08910-00 $133.00



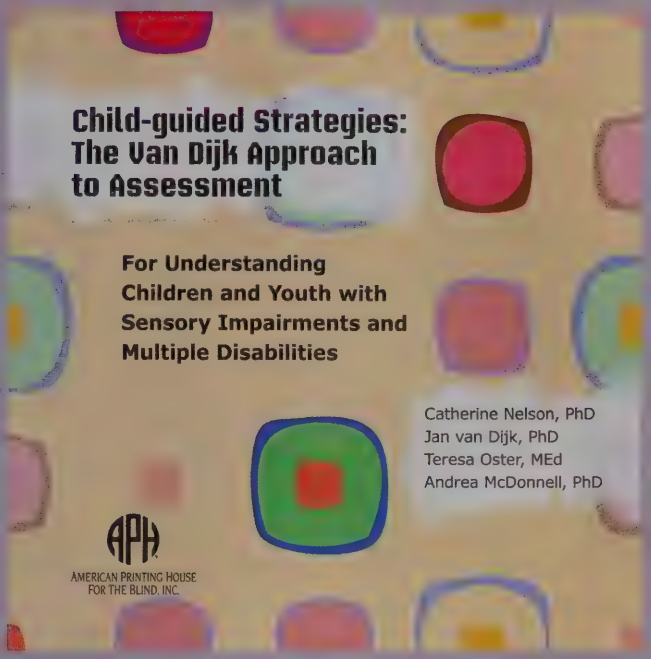
Games of Squares

CVI PARTS

The 8x8 inch grid board and accompanying game pieces incorporate color contrast and distinctive textures and shapes that can be easily discriminated by individuals with visual impairments and blindness. Starter ideas and possible adaptations are provided in Beyond X's and O's within the Game Instruction booklet.

Recommended ages: 5 years and up.

1-08430-01 $278.00









APH offers videos for purchase on a wide variety of topics. This is a complete list of videos in this catalog. In addition, visit the APH website to view a growing selection of free-of-charge streaming video product guides.

Child-Guided Strategies for Assessing Children who are Deafblind or Have Multiple Disabilities 23

Reclaiming Independence: Staying in the Driver's Seat When You No Longer Drive 168

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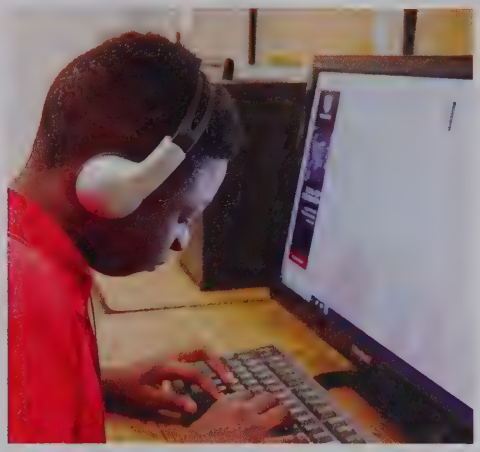
Typer Online R

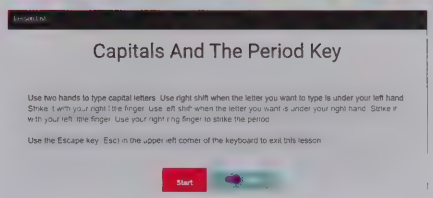
Help students improve their typing skills with this self-voicing software. A modernization of APH's Talking Typer for Windows, Typer Online is a free, accessible typing and computer keyboard tutorial that can be accessed online from any computer or smartphone.

Visit **typer.aphtech.org** to participate in Typer Online's many drills and practice lessons and check out the included keyboard explorer.

Quota

Electronic Download **D-19914-0l** $Ø.ØØ





Illinois Braille Series UEB with Nemeth

Now produced in Unified English Braille (UEB), the Illinois Braille Series is a classic program used to teach braille to former print readers.

Book I presents the symbols of uncontracted braille in one volume; Book II presents contracted braille in accordance with UEB order in two volumes. Successful completion of Book I is necessary before beginning a study of contracted braille using Book II.

Note: Each copy of Book I or Book II, in print or braille, is sold separately.





Book I

Print
7-17230-Ø1 $12.ØØ

Braille
5-17230-Ø2 $34.ØØ

Book II

Print
7-17240-Ø1 $79.ØØ

Braille
5-17240-Ø2 $69.ØØ

Braille Codebooks – BANA

The mission of the Braille Authority of North America (BANA) is to assure literacy for tactile readers through the standardization of braille and tactile graphics. It publishes rules for formatting and serves as the authority for braille transcribing.



Braille Formats: Principles of Print-To-Braille Transcription, 2016 UEB

With the implementation of UEB, these guidelines provide a foundation for transcribing print content in an accurate and consistent manner. A wide variety of examples are included. Available for free download on the BANA website:
brailleauthority.org/formats/formats2016.html

Braille	Print
5-09653-00 $70.00	**7-09653-00** $70.00



Music Braille Code, 2015 UEB

Where appropriate, rules and procedures have been adjusted to comply with the adoption of The Rules of UEB and of Braille Formats: Principles of Print-to-Braille Transcription. A section about transcribing music for harps has been added. It also incorporates some signs that are not defined in either that work or in the New International Manual of Braille Music Notation.

Available for free download on the BANA website:
brailleauthority.org/music/music.html

Braille	Print
5-09651-01 $56.00	**7-09651-01** $56.00

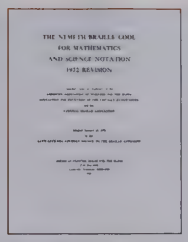


Nemeth Code for Mathematics and Science Notation, 1972 Revision

Available for free download on the BANA website:
brailleauthority.org/mathscience/math-science.html
(Please note, the PDF is not accessible.)

Braille	Print
5-87430-00 $89.00	**7-87430-00** $89.00

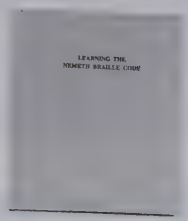
Addendum 1 to the Nemeth Code for Mathematics and Science Notation, 1972 Revision: Ancient Numeration Systems



Braille
5-68654-ØØ $15.ØØ

Print
7-68654-ØØ $15.ØØ

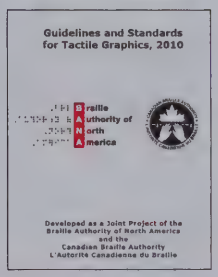
Learning The Nemeth Braille Code: A Manual for Teachers and Students



Braille
5-68653-ØØ $49.ØØ

Print
7-68653-ØØ $49.ØØ

Guidelines and Standards for Tactile Graphics

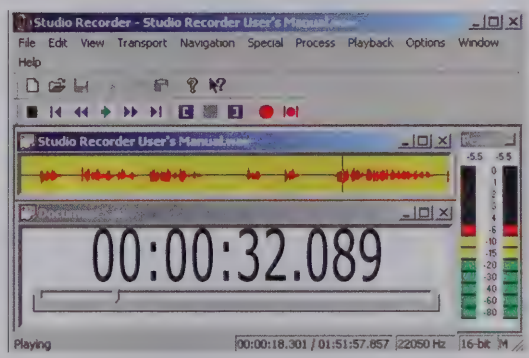


Available for free download on the BANA website:
brailleauthority.org/tg/

Braille
5-35935-ØØ $99.ØØ

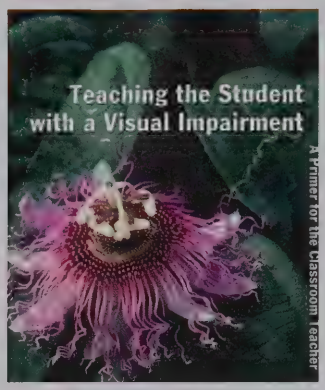
Print
7-35935-ØØ $99.ØØ

Studio Recorder Software



A powerful digital recording and editing software package geared specifically for making recordings of the spoken word. Studio Recorder™ contains many features that make recording, editing, and proofreading audio books easy, including features not foundin similar programs. Requires Windows® 7 or later.

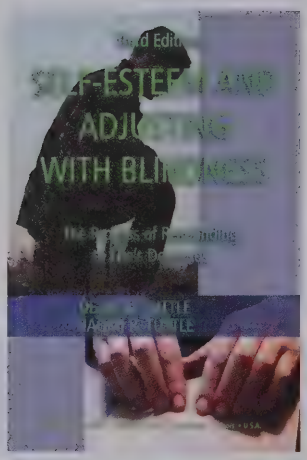
Digital Download
D-ØØ36ØØ-ED $2ØØ.ØØ



Teaching the Student With a Visual Impairment (TSVI): A Primer for the Classroom Teacher

TSVI assists the all-inclusive classroom teacher in preparing for the unique educational needs of the student with low vision. An extensive listing of agencies and organizations that serve persons with visual impairments and a materials tote with consumable forms for teachers, parents, and students is included.

1-08290-00 $151.00



Self-Esteem and Adjusting to Blindness: The Process of Responding to Life's Demands, 2nd Edition

Explores the development of self-esteem, attitudes toward blindness, and adaptability illustrated by biographies and autobiographies of people who are blind. Helps people examine their reactions, coping skills, and personal attitudes in order to live a positive and independent life.

Braille
5-00500-00 $178.00

Print
L-96229-00 $95.50



Loving Me: A Guide to Creating and Presenting Workshops on Self-Esteem

Designed for those who seek to help people who are blind and visually impaired, their families, and the professionals who work with them explore the origin and expression of their self-esteem in a workshop format.

7-02500-00 $278.00



The Impressor UEB

Easily create your own braille business cards! Similar to the stamp used by notary publics, the die which embosses braille on your card is custom-made with your information. Embosses up to four lines, 13 braille cells per line. Call 800-223-1839 to initiate an order.

Non-Quota

Impressor
1-03380-00 $249.00

Impressor, Revised
1-03380-01 $139.00

April 2022

Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
					1 ●	2 Ramadan begins at sundown
3	4	5	6	7	8	9 ◐
10	11	12	13	14 Anne Sullivan Macy's 156th Birthday	15 Passover begins at sundown Good Friday	16 ○
17 Easter	18	19	20	21	22	23 ◑
24	25	26	27 International Dog Guide Day	28	29	30 ●



Pow, plastic, faux fur, pipe cleaners, by Gavin Webster
A fifth grade student at the Nebraska Center for the Education of Children who are Blind or Visually Impaired, in Nebraska City, Nebraska

June 2022

Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
			1	2	3	4
5	6	7 ◐	8	9	10	11
12	13	14 ○ Flag Day	15	16	17	18
19 Juneteenth Father's Day	20 ◑	21 Summer Solstice	22	23	24 St. Jean Baptiste Day (Quebec)	25
26	27 Helen Keller's 142nd Birthday	28 ●	29	30		



Seascape Sunset with Canine, digital artwork, by Andres Parra
An adult artist at the Braille Institute of America, in Anaheim, California

APH InSights Art Calendar: Large Print-Braille, 2022 R UEB

This beautiful full-color calendar features the artwork of visually impaired artists.

Months, days, holidays, and moon phases appear in both braille and large print. This calendar can be used at a desk or hung on a wall and is ring-bound to allow pages to be folded over easily.

Note: The APH InSights Calendar MAY be purchased with Federal Quota funds; however, quantity purchases of this calendar for fundraising purposes MAY NOT be purchased with Quota funds. Art calendars can be purchased with a minimum order of 50 for fundraising projects.

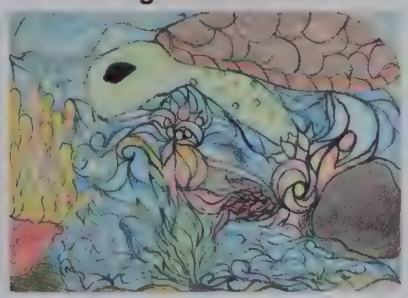
Please, contact the APH Contract Administration Office at 1-800-223-1839 to order.

Quota

Single Copy
5-18971-22 $8.00

Custom-Printed
5-18972-22 $8.00

APH InSights Calendar 2022



Featuring Artwork by Visually Impaired and Blind Artists
American Printing House for the Blind, Inc.

Other Services from APH

This section contains information on selected services offered by APH. For complete information about APH services, please visit **aph.org** or call 1-800-223-1839.

APH News - Your APH Connection

One of the best ways to learn about new products, services, and resources at APH!

To join our mailing list and receive our monthly newsletter and other APH updates, visit our website and click on the Subscribe Now button, or visit: **aph.org/contact-us/newsroom/newsletters-survey/**

APH Insights Art Annual Juried Art Competition and Exhibition

Each year APH sponsors a juried art competition and exhibition designed exclusively for artists of all ages who are blind and visually impaired. From the hundreds of entries received, works are chosen for exhibition at APH's Annual Meeting. Award winners are selected in each of nine categories; media may include sculpture, pottery, weaving, photographs, prints, paintings, etc. Artwork is judged on originality of concept, expressive use of media, and artistic excellence.

To enter APH InSights, contact the Special Programs Coordinator, Email: **insights@aph.org**

The APH Blog

The APH blog is your go-to source for information about APH products, innovations, accessibility and happenings in the field of blindness. Follow our journey as we work to break down barriers and create a more inclusive world. You'll learn from leaders in the field and also hear stories from a diverse group of peers who will inspire and challenge you. Visit **aph.org** and click on the "Blog" link in the footer menu to start reading.

Need Accessible Materials? APH Will Custom-Make Them for You!

Our state-of-the-art processes and exacting standards allow us to create custom braille, tactile graphics, enlarged print, and audio materials for your clients, customers, shareholders, and employees who are blind and visually impaired.

Please contact APH Contract Administration Dept. for a no-obligation cost estimate on your next project. 800-223-1839 (menu option 1, then menu option 2 for Braille Transcription Services or custom requests) or email: **contracts@aph.org**

APH Social Media

Are you on social media? Follow us to stay up-to-date on everything happening at APH and in the field. From exciting announcements and updates, to tutorials and events.

Here's where you can find us

Finding Tactile Graphics Templates is Easier Than Ever!

APH offers the free Tactile Graphic Image Library database. Teachers, transcribers, students, families, and paraprofessionals are able to register to use the image library to find and download tactile graphics that can be enhanced for your needs. Search the database by category or keyword. Offers 3D images and designs for the Tiger® Embosser. as well as APH's custom embossers, PixBlaster and PageBlaster. Sign up for FREE to use the database at **imagelibrary.aph.org**

Accessible Tests and Textbooks Department

Accessible Tests and Textbooks, offers a wide range of services. For more detail about any of these services, please visit **aph.org**

Tests: Extensive Services Offered

APH is prepared to assist with all phases of test accessibility, from item development and bias review through production, shipping, and product support. Tests offered through this department can be ordered in hard copy braille, large print, enlarged print, and digital formats. Accessible Tests also reviews online testing for accessibility to ensure all tests are accessible for all customers.

Textbooks: The Accessible Media You Need

APH responds to the textbook needs of students who are blind and visually impaired by delivering custom-produced accessible textbooks in a variety of media in a timely manner. Accessible Textbooks staff processes all new textbook orders. We offer these media for textbooks:

Braille Textbooks, Hard Copy and Digital

Includes hard copy braille textbooks, as well as downloadable braille-ready files. Accompanying tactile graphics are available for purchase.

Large Print Textbooks, Hard Copy and Digital

APH Large Print textbooks can also be used on digital reading devices such as iPad®, Kindle, Braille Plus 18™, and more. Many of the large print e-files contain image descriptions.

For questions about accessible tests or textbooks, contact Jane Thompson, Director Accessible Tests and Textbooks Departments, Braille Improvement Department, 502-899-2370 · **jthompson@aph.org**

Magazine Subscriptions

Subscription Magazine	Accessible Format	Annual Fee (optional)
Reader's Digest®	Braille	$174.ØØ
	Cassette Tape (15/16, 4-track)	$18.ØØ
	Digital Flash Cartridge	$33.ØØ
	Digital Download	Donation
Newsweek®	Cassette Tape (15/16, 4-track)	$9Ø.ØØ
	Digital Download	Donation

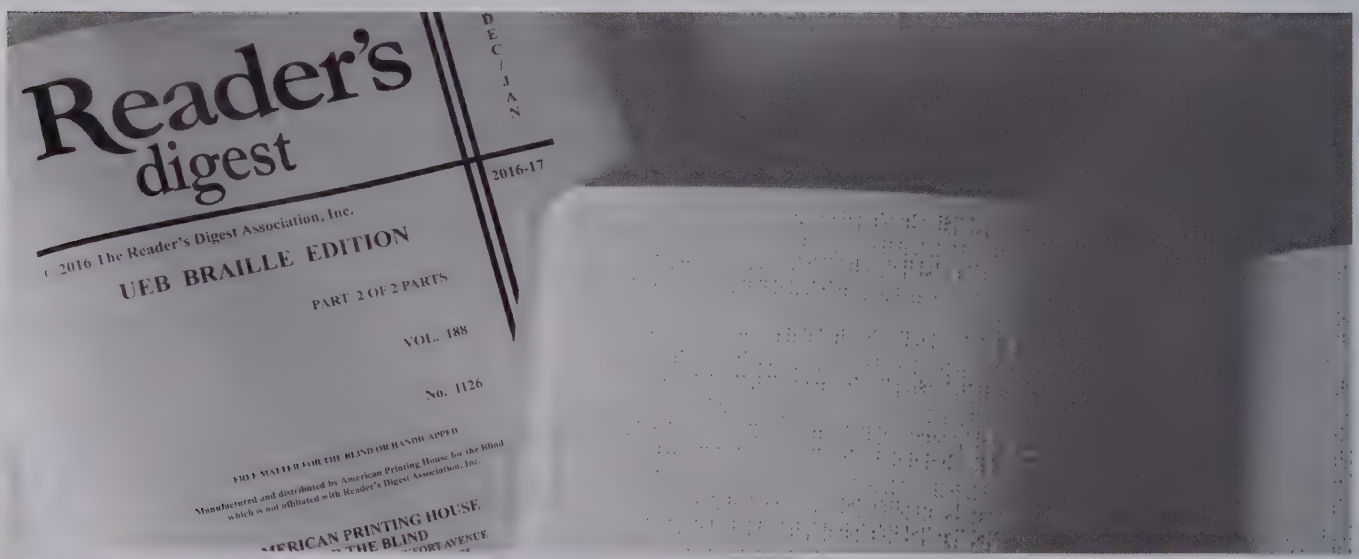
APH provides free Readers Digest or Newsweek in accessible formats for people who are blind and visually impaired across the country. If you or someone you know would benefit from this free service, please contact Customer Service at 1-8ØØ-223-1839 or **magazines@aph.org** Gift subscriptions are available at the above rates. Non-U.S. citizens MUST pay the above subscription rates. Contributions to defray costs are welcomed.

Cassette and Flash Cartridge editions require a Talking Book-type tape player, which plays specially recorded tapes. These players are available on a free loan basis from the library in your state that serves readers who are visually impaired or physically disabled.

For more information or to support APH's accessible magazine program, call 1-8ØØ-223-1839, ext. 2 or visit **aph.org** and search for development magazines. The American Printing House for the Blind, Inc. is a 5Ø1(c)(3) nonprofit organization. Gifts are tax-deductible.

Note: Reader's Digest, Large Print Edition is not published by APH, but is available directly from The Reader's Digest Large Print Edition / P.O. Box 8177 / Red Oak, IA 51591 / 1-8ØØ-8Ø7-278Ø / **rd.com**

Reader's Digest is a trademark of The Reader's Digest Association, Inc.; Newsweek is a trademark of Newsweek, Inc.



Ayuda A Nuestros Clientes En Español

Nota para nuestros clientes hispano hablantes:

Nos complace proporcionar servicio al cliente en español por medio de correo electrónico.

podemos ayudarle con sus preguntas acerca de pedidos, devoluciones, reparaciones o cualquier otra duda que usted tenga.

¿Sabía que APH ofrece cada vez más productos en español? Búsque estos productos en nuestra página de internet, o pida información a nuestros representantes.

Usted es muy importante para nosotros, gracias.

El personal de la American Printing House for the Blind, **cs@aph.org**

APH OFRECE CIERTOS PRODUCTOS Y MANUALES EN ESPAÑOL

Boehm-3: Juego de Gráficas Agrandadas (manual y formas de registro), 1-Ø388Ø-ØØ; 1-Ø3883-ØØ 2Ø

Juego de Calendario para el Salón de Clases: 1-18973-ØØ 1Ø8

Caja de Luz: Guía de Actividades. Favor de visitar nuestra página web para obtener más información.

Nivel I: 7-Ø867Ø-SP

Nivel II: 7-Ø868Ø-SP

Nivel III: 7-Ø869Ø-SP

How to Order

Online (U.S. Customers)

- Go to **aph.org** for accessible and secure ordering
- Friendly for synthetic speech and large print users
- One-time, easy account setup
- Purchase online using either credit card or Federal Quota funds

Email

- Send orders to **po@aph.org**
- We accept Federal Quota orders (signed by EOT), purchase orders, and orders from individuals via email
- Please include catalog numbers, product names, quantities, price each, and total amount due
- Please do not email your credit card information

Phone

- Call 1-800-223-1839 or 502-895-2405
- Please have your credit card ready

Fax

- Fax orders to 502-899-2284
- Please include catalog numbers, product names, quantities, price each, and total amount due
- Please do not fax your credit card information

Mail

- Mail a Federal Quota order form (signed by EOT), purchase order, APH order form, or a letter written in print or braille stating desired items and quantities. Please include check, money order, or your contact information for us to obtain credit card payment.
- Please do not mail your credit card information.

American Printing House for the Blind
1839 Frankfort Ave • Louisville, KY 40206

Note: Checks and money orders must be in U.S. dollars. Kentucky residents must include 6% sales tax.

Pro Forma Invoices

- Alternatively, submit a request via email, fax, or mail and include catalog numbers, product names, quantities, and preferred shipping method. We will send you a pro forma invoice showing product prices and shipping costs.
- Please allow 5 business days to be completed.

Shipping Methods

Shipping within the U.S.

Most items ordered by or for people who are visually impaired will be shipped via Free Matter for the Blind, a free service provided by USPS. Please allow up to 2 weeks shipping time for items sent via Free Matter for the Blind. Customers needing a faster shipping option can contact Customer Service via phone, email, fax, or mail for a freight quote. Customers will be responsible for any upgraded shipping costs.

Note: When indicated, select items cannot be shipped via Free Matter and will require paid shipping.

Shipping Outside of the U.S.

We are unable to offer Free Matter for the Blind Shipping on International orders at this time. The customer is responsible for the shipping cost of all other items requiring paid freight. Please contact Customer Service via phone, email, fax, or mail for a freight estimate. APH recommends shipment by Priority Mail International Airmail, as surface mail is much slower.

All export and/or import duties, brokerage fees, etc. are paid by the customer. Please check with your customs broker to make arrangements in advance.

Paid Shipping Options within the U.S.

These timeframes do not include processing time.

U.S. Postal Service® Priority Mail
2–3 day delivery to any address (including P.O. boxes). No additional charge for Saturday delivery.
No Sunday or holiday delivery.

United Parcel Service® (UPS) Ground
4–7 day delivery to street addresses only (no P.O. boxes).
No weekend or holiday delivery.

UPS® 3-Day
Guaranteed 3-day delivery to street addresses only (no P.O. boxes).
No Saturday, Sunday, or holiday delivery.

UPS® 2-Day
Guaranteed 2-day delivery to street addresses only (no P.O. boxes).
No Saturday, Sunday, or holiday delivery.

Further Assistance

aph.org
cs@aph.org
1-800-223-1839 or 502-895-2405
Fax: 502-899-2284

Special Instructions

APH Software for Windows

- Demo versions are available for many of our programs. Please visit **tech.aph.org** to begin a free trial.
- To purchase a program as a digital download please submit an order via **aph.org**, or by email, phone, fax, or mail. Within 24 hours we will email you a key code and directions for download.

Note: Software purchases are not eligible for return.

Purchasing Multiple Licenses for Talking Typer for Windows Software

When placing your order please specify the exact number of licenses needed as well as the email address to send key codes. Your receipt from the transaction is your authorization to place the software on the appropriate number of computers, up to the maximum number of machines that you specified.

Apps for iOS Devices

- Submit an order via **aph.org**, or by email, phone, fax, or mail.
- APH will email an Apple Content Code for each license that you order.
- **How to Install** – The end user will install [Math Robot, Talking Typer] with their Apple Content Code by: opening App Store on device> select the "Featured" tab> at the bottom of the "Featured" screen select "Redeem"> enter the password for the device> follow instructions on "Redeem" screen.
- If purchased with Federal Quota funds the EOT is responsible for distributing Apple Content Codes to end users.

eBooks (EPUB Files)

After receiving an email from APH and clicking the eBook link:

- from an iOS device or Mac computer the title will open in iBooks
- from an Android device the title will open in Google Books™ service
- on a Windows® or Linux® operating system you will need to download and install an EPUB reader before being able to read this title. We recommend the Readium extension for the Chrome™ browser or Adobe® Digital Editions*.

***Note:** Adobe Digital Editions does not support the interactive features built into the CVI Complexity Sequences eBook, however it reads the text correctly.

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Return Policy

Defective Merchandise

APH makes every effort to inspect and test merchandise before it leaves our facility. If by chance you receive a defective item, please notify us within 30 days from the date item was shipped. If the item included a one year warranty please notify us within one year from the date item was shipped. We will repair or replace defective items at no cost to you. We reserve the right to choose whether the item will be repaired or replaced. For more information on warranties, please refer to the Warranty section on the following pages.

Other Returns

We gladly accept returns on most APH products (exclusions listed below) for any reason within 60 days of the date the item was shipped, subject to the following conditions:

- Pre-authorization is required for any return. Please call, email, or write us and a Customer Service representative will provide you with a Return Authorization (RA) number and instructions for completing your return.
- Returned items must be undamaged and in resalable condition.

Note: The following items may not be returned for any reason other than defects.

- Software (free demos are available at **tech.aph.org**)
- Apps
- eBooks
- Large print, braille, APH Press, or AFB Press books
- Custom orders

Note: The following books may not be canceled once production has begun.

- Large print (catalog prefixes 4-, A-L, F-, J-, L-, L-C, or M-)
- Braille (catalog prefixes A-B or T-N)
- APH Press or AFB Press (catalog prefix F-B)

General Repair Policy

If you are experiencing difficulty with an APH product, please call Customer Service at 800-223-1839 and explain the issue you are experiencing. It is possible we can solve your issue over the phone. If your product requires repair, please contact APH Customer Service to obtain a repair Return Authorization number.

Payment is required for eligible out of warranty products prior to the completion of any repairs. Accepted forms of payment are as follows:

- Federal Quota purchase order, which must be signed by the EOT.
- School or organization purchase order
- Check
- Credit card – If you opt to pay by credit card, note this when you send us your product and we will contact you for credit authorization.

Products Under Warranty

If your product is still under warranty, we will repair or replace the item at no cost to you (subject to certain restrictions). Please contact Customer Service to obtain a Return Authorization number and additional instructions for warranty repairs.

Products Out of Warranty – Flat Rate Fees

The following products carry a flat rate repair fee. Items deemed non-repairable will be returned to you without charge.

Note: Discontinued catalog number indicated by (d)

Mini-Lite Box: 1-08661-00 (d) $65.00

Light Box: 1-08660-00 (d), 1-08669-00 (d) $155.00

Perkins Braillers: 1-00850-00 (d), 1-00860-00 (d), 1-00815-00 $150.00

Portable Sound Source: 1-03040-01 (d), 1-03040-02 (d), 1-03045-00 $50.00

Book Port DT: 1-07200-00 (d) $50.00

Book Port Plus: 1-07191-00 (d) $50.00

Joy Player: 1-07089-00 $50.00

LED Mini-Lite Box 1-08654-00 (d) 1-08654-01 $65.00

Large LED Light Box 1-08655-00 $155.00

Power Select/SLK 1-08612-00 $65.00

Colortest 1-03951-00 (d) $50.00

Products Out of Warranty – Fee to be Determined for Repair

The following products do not have a set repair fee due to the range of prices for repair parts. Pre-payment of a non-refundable evaluation/handling fee is required. This fee includes the cost of return shipping by UPS.

NB: Discontinued catalog number indicated by (d)

APH SMART Brailler by Perkins: 1-ØØ82Ø-ØØ $2ØØ.ØØ
Perkins/APH Next Gen Brailler: 1-ØØ8ØØ-ØØ (d) $2ØØ.ØØ
Braille Trail Reader: 1-Ø7421-ØØ $95.ØØ
MATT Connect: 1-Ø3941-ØØ $95.ØØ
Mantis Q4Ø: 1-Ø847Ø-ØØ $95.ØØ
Chameleon: 1-Ø8471-ØØ $95.ØØ
PageBlaster: 1-Ø8Ø75-ØØ $95.ØØ
Jupiter: 1-ØØ37Ø-ØØ $1Ø5.ØØ
Video Mag HD 1-Ø3914-ØØ $75.ØØ
Perkins Smart Brailler: 1-ØØ82Ø-ØØ $2ØØ.ØØ
Perkins Smart Brailler: 1-ØØ8ØØ-ØØ $2ØØ.ØØ

The following products are NOT sent directly to APH for repair. Please contact Customer Service at 8ØØ-223-1839 or cs@aph.org for special instructions:

Contact the APH Customer Service for **WARRANTY** and **OUT OF WARRANTY** repairs on the following products:

Sunu Band (1-Ø314Ø-ØØ)

Orion Plus Talking Graphing TI-84 Calculator 1-Ø734Ø-ØØ (d)

Orion TI-3ØXS Multiview Talking Scientific Calculator: 1-Ø733Ø-ØØ (d)

Orbit Reader 2Ø 1-Ø7419-ØØ (d)

VisioBook 1-Ø3913-ØØ (d)

Products That are No Longer Repaired:

Braille Plus 18 1-Ø7466-ØØ (d)
Handi-Cassette II 1-Ø7Ø85-ØØ (d)
Orion TI-36 Calculator 1-Ø7335-Ø1 (d)
Refreshabraille 18 1-Ø7445-Ø1 (d)

Repair Warranty

There is a 9Ø-day warranty for work performed by APH on repaired equipment. This warranty covers both labor and parts. As always, the warranty does not apply in cases of customer modification, misuse, or abuse of APH products. **Note**: Extended warranties do not cover replacement of electronic product accessories, including rechargeable batteries.

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Thank You for Supporting APH



As a not-for-profit, 501(c)(3) organization, APH values our thoughtful, informed donors who ensure that we are able to serve a growing population of people who are blind or visually impaired of all ages – across the nation and around the world. Our programs, initiatives, services, and products empower people with vision loss to live as independently as possible. Your contribution makes that happen. You are a part of the APH community – and we are truly grateful for your partnership. Please give at **bit.do/supportAPH** or contact the APH Development Department by phone at 502-899-2291 or by email at **development@aph.org**.

Coming Soon



Step-By-Step, 2nd Edition

This updated edition of the popular Step-By-Step (a comprehensive curriculum providing instructions and demonstrations of how to perform mobility techniques) includes new techniques and information, all available digitally in the form of two flash drives!

Federal Quota Funds Could Help Purchase APH Materials for Students

The federal Act to Promote the Education of the Blind provides funds for accessible educational materials for eligible students who meet or function at the definition of blindness. An annual registration of eligible students determines a per capita amount of money specifically designated for the purchase of educational materials produced by the American Printing House for the Blind (APH). **These funds are credited to Federal Quota accounts** maintained and administered by APH and its Ex Officio Trustees throughout the United States and outlying areas.

Who is Eligible?

While there is **no chronological age limit for student Federal Quota Program eligibility; they MUST fulfill the following requirements:**

- Meet the definition of blindness (MDB) — a central visual acuity of 20/200 or less (using a Snellen chart or an acuity determined in Snellen equivalents) in the better eye with the best correction or a peripheral field of vision no greater than 20 degrees

OR

- Function at the definition of blindness (FDB) — when visual function meets the definition of blindness as determined by an eye care specialist (ophthalmologist or optometrist) or other medical doctor such as a neurologist. Students in this category manifest unique visual characteristics often found in conditions referred to as neurological, cortical, or cerebral visual impairment (e.g., brain injury or dysfunction).
- School-aged students must be enrolled in a formally organized public, private, or nonprofit educational program of less than college level on the first Monday in January.
- Adult students must be registered for at least 12 weeks for a minimum of 20 hours per week of documented instruction of less than college level, during the preceding calendar year (the twelve weeks do not have to be consecutive). Social and leisure programs do not qualify as instruction; however, student practice to develop skills can be included in instructional hours.
- As of the 2018 census, each infant, preschool, or school-aged student must have a signed parent permission form to be registered in the Federal Quota Program, as well as adults with a guardian.

Who are the Ex Officio Trustees (EOTs)?

For each residential school for the blind, state department of education, or agency for the blind that participates in the Federal Quota Program, an Ex Officio Trustee of the American Printing House for the Blind must be designated. Each Ex Officio Trustee is entrusted with the administration of the Federal Quota Program within his or her system.

Want More Information?

For more information about the Federal Quota program, visit **aph.org/federal-quota** or call **1-800-223-1839, ext. 257**. On our website, you can find contact information for the Ex Officio Trustees in your state. These Trustees can give you the specific information about whether your student may qualify for the Federal Quota Program and the APH materials purchased with Federal Quota funds.

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